# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

**SUBMISSION TYPE:** CORRECTIVE ASSIGNMENT **NATURE OF CONVEYANCE:** Corrective Assignment to correct the EXECUTION DATES previously recorded on Reel 038422 Frame 0890. Assignor(s) hereby confirms the ASSIGNMENT.

#### **CONVEYING PARTY DATA**

Name	Execution Date
Norihisa ANDO	04/15/2016
SUNAO MASUDA	04/25/2016
MASAHIRO MORI	04/15/2016
Kayou KUSANO	04/15/2016

#### **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:	15142580

#### 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 **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: 171024 NAME OF SUBMITTER: JESSICA ABARCA SIGNATURE: /Jessica Abarca/ **DATE SIGNED:** 05/12/2016

Total Attachments: 3

**PATENT** REEL: 038693 FRAME: 0456

EPAS ID: PAT3871318

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> PATENT REEL: 038693 FRAME: 0457

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3852900

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

## **CONVEYING PARTY DATA**

Name	Execution Date
Norihisa ANDO	04/15/2016
Sunao MASUDA	04/15/2016
Masahiro MORI	04/25/2016
Kayou KUSANO	04/15/2016

# **RECEIVING PARTY DATA**

Name:	Tdk Corporation
Street Address:	3-9-1, Shibaura, Minato-ku
City:	Tokyo
State/Country:	Japan
Postal Code:	018-0402

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15142580

## **CORRESPONDENCE DATA**

Fax Number:

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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:

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**Correspondent Name:** 

JAMES A. OLIFF

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Address Line 2:

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Address Line 4:

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ATTORNEY DOCKET NUMBER:	171024
NAME OF SUBMITTER:	JESSICA ABARCA
SIGNATURE:	/Jessica Abarca/
DATE SIGNED:	04/29/2016

## Total Attachments: 2

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> PATENT REEL: 038693 FRAME: 0458

	ASSIGNMENT
Whereas, I/we,	
Name	Address
<u> </u>	c/o TDK Corporation,
1) Norihisa ANDO	3-9-1, Shibaura,
1) 1(0) 111(2) 0	Minato-ku, Tokyo 108-0023 Japan
	c/o TDK Corporation,
2) Sunao MASUDA	3-9-1, Shibaura,
	Minato-ku, Tokyo 108-0023 Japan
	c/o TDK Corporation,
3) Masahiro MORI	3-9-1, Shibaura,
	Minato-ku, Tokyo 108-0023 Japan
	c/o TDK-MCC Corporation,
4) Kayou KUSANO	151, Maeda, Hirasawa,
	Nikaho-shi, Akita 018-0402 Japan
	rs Patent of the United States of America therefor on even date herewith unless otherwise
indicated below:	•
filed on April	29, 2016 , Serial No. <u>15/142,580</u> ; and
Whereas	
TDK Corporation	
3-9-1, Shibau	
	okyo 108-0023 Japan
(assignee), desires to acquire the enti- patents to be obtained therefor;	re right, title and interest in the application and invention, and to any United States
hereby acknowledged, I/WE, as assig and set over unto the assignee, its lav invention and this application, and all may be granted thereon, and all reiss	own that, for good and valuable consideration from assignee, the receipt of which is gnor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, wful successors and assigns, MY/OUR entire right, title, and interest in and to this 1 divisions, and continuations thereof, and all Letters Patent of the United States which uses thereof, and I/WE hereby authorize and request the Commissioner of Patents and saue all Letters Patent for this invention to assignee, its successors and assigns, in signment;
assignee, its successors and assigns, sign all lawful papers when called up the title to this invention in said assig applications, make all rightful oaths and enforce proper patent protection	covenant and agree that I/WE will, without further consideration, communicate with any facts known to ME/US respecting this invention and testify in any legal proceeding, on to do so, execute and deliver all papers that may be necessary or desirable to perfect gnee, its successors and assigns, execute all divisional, continuation, and reissue and generally do everything possible to aid assignee, its successors and assigns, to obtain for this invention in the United States, it being understood that any expense incident to the true by the assignee, its successors and assigns.
,	INVENTORS DATE SIGNED
1): <u>hovihica</u>	Ando. April 15th, 2016.
Name ·	Norihisa ANDO

Sunao Masuda
Sunao MASUDA
Masahiro Morri

2): Name:

3): Name:

4): Name:

April 15th, 2016