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**Attorney Docket No. 143912**

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1. A. Name of conveying parties:  
 1. Wataru NAKAHORI  
 2. Masaki KAN  
 3. Atsushi YAKUWA

B. Additional name of conveying party attached?  
☐ Yes ☒ No

2. A. Name and address of receiving party:

TDK CORPORATION  
 1-13-1, NIHONBASHI  
 CHUO-KU, TOKYO 103-8272  
 JAPAN

B. Additional name & address attached?  
☐ Yes ☒ No

3. A. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

B. Execution Date: 1. December 3, 2009;  
2 & 3. December 11, 2009

4. A. Patent Application No. 12/640,041

B. Patent No.

Additional numbers attached? ☐ Yes ☒ No

C. Title of Application: COIL SUBSTRATE STRUCTURE, SUBSTRATE HOLDING  
STRUCTURE, AND SWITCHING POWER SUPPLY

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: James A. Oliff

Address: **OLIFF & BERRIDGE, PLC**  
**P.O. Box 320850**  
**Alexandria, VA 22320-4850**  
**Phone Number: 703-836-6400**  
**Fax Number: 703-836-2787**

6. Total number of applications and patents involved: 1

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*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

  
 James A. Oliff Registration No. 27,075  
 Matthew A. Barthalow Registration No. 60,323

Date: December 17, 2009

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For Non-U.S. Clients

**ASSIGNMENT**

Whereas, I/we,

NameAddress1) **Wataru NAKAHORI**

(c/o) TDK Corporation,

1-13-1, Nihonbashi,  
Chuo-ku, Tokyo 103-8272 Japan2) **Masaki KAN**

(c/o) TDK Corporation,

1-13-1, Nihonbashi,  
Chuo-ku, Tokyo 103-8272 Japan3) **Atsushi YAKUWA**

(c/o) TDK Corporation,

1-13-1, Nihonbashi,  
Chuo-ku, Tokyo 103-8272 Japan

hereinafter called assignor(s), have invented certain improvements in  
**Coil Substrate Structure, Substrate Holding Structure, and Switching Power Supply**

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

filed on \_\_\_\_\_, Serial No. \_\_\_\_\_; and

Whereas

**TDK Corporation**1-13-1, Nihonbashi,  
Chuo-ku, Tokyo 103-8272 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.

INVENTORSDATE SIGNED

1):

Name:

*Wataru Nakahori***Wataru NAKAHORI***03 / Dec / 2009*

2):

Name:

*Masaki Kan***Masaki KAN***11 / Dec / 2009*

3):

Name:

*Atsushi Yakuwa***Atsushi YAKUWA***11 / Dec / 2009*

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)