

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3977884

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	KABUSHIKI KAISHA TOSHIBA	07/13/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	TDK CORPORATION	
<b>Street Address:</b>	3-9-1, SHIBAURA, MINATO-KU	
<b>City:</b>	TOKYO	
<b>State/Country:</b>	JAPAN	
<b>Postal Code:</b>	108-0023	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Patent Number:	7978442
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(845)471-2064	
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<b>ATTORNEY DOCKET NUMBER:</b>	HT07-015S	
<b>NAME OF SUBMITTER:</b>	STEPHEN ACKERMAN	
<b>SIGNATURE:</b>	/Stephen Ackerman/	
<b>DATE SIGNED:</b>	07/26/2016	
<b>Total Attachments: 2</b>		
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source=HT07-015S_Assignment_Toshiba_to_TDK#page2.tif		

HT07-015S

For ☒ U.S. and ☒ Foreign Rights

For ☒ Application or ☒ U.S. Patent

By ☐ Inventor(s) or ☒ Present Owner

#### ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR:**

**Kabushiki Kaisha Toshiba  
1-1, Shibaura 1-Chome, Minato-ku  
Tokyo  
Japan**

hereby sells, assigns and transfers to

**ASSIGNEE:**

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

and the successors, assigns and legal representatives of the ASSIGNEE

*(complete one of the following)*

- ☒ the entire right, title and interest  
☐ an undivided \_\_\_\_\_ percent (\_\_\_\_%) interest for the United States and its territorial possessions  
*(check the following box/f foreign rights are also to be assigned)*  
☒ and in all foreign countries

in and to any and all improvements which are disclosed in the applications and patents as follows:

**US Serial number 11/906,716, Filed on October 3, 2007, now issued as US7978442 , titled "CPP Device with a Plurality of Metal Oxide Templates in a Confining Current Path (CCP) Spacer", Docket no. HT07-015S.**

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☒ (e) and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute, thereof, and as to letters patent any re-issue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I / We have signed this

July 13 2016 (Date of signing)

WARNING Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Hideo Kumagai  
Signature of ASSIGNOR(S)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

If ASSIGNOR is a legal entity complete the following information

Hideo KUMAGAI

General Manager, Intellectual Property Division

Note: No witnessing, notarization or legalization is necessary, if the assignment is notarized or legalized then it will only be prima facie evidence (35 USC 261). Use next page if notarization is desired.

\_\_\_Notarization of Legalization Page Added.