

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hiroyuki HIRANO	03/13/2017
Seiji FUKUOKA	03/22/2017
Toshihiko OYAMA	03/16/2017
Takahiro MORIYA	03/13/2017
Kaoru NARITA	03/17/2017
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State/Country:	Japan
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15511456
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DATE SIGNED:	04/05/2017
Total Attachments: 2	

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ASSIGNMENT

Whereas, I/we,

<u>Name</u>	<u>Address</u>
1) Hiroyuki HIRANO	c/o TDK Corporation, 3-9-1, Shibaura, Minato-ku, Tokyo 108-0023 Japan
2) Seiji FUKUOKA	c/o TDK Corporation, 3-9-1, Shibaura, Minato-ku, Tokyo 108-0023 Japan
3) Toshihiko OYAMA	c/o TDK Corporation, 3-9-1, Shibaura, Minato-ku, Tokyo 108-0023 Japan
4) Takshiro MORIYA	c/o TDK Corporation, 3-9-1, Shibaura, Minato-ku, Tokyo 108-0023 Japan
5) Kaoru NARITA	c/o TDK Corporation, 3-9-1, Shibaura, Minato-ku, Tokyo 108-0023 Japan

hereinafter called assignor(s), have invented certain improvements in
POSITION DETECTING DEVICE AND STRUCTURE FOR USING POSITION DETECTING DEVICE

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

filed on March 15, 2017, Serial No. 15/511456; 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.

	<u>INVENTORS</u>	<u>DATE SIGNED</u>
1) : Name :	Hiroyuki Hirano Hiroyuki HIRANO	2017.3.13
2) : Name :	Seiji Fukuoka Seiji FUKUOKA	2017.3.22
3) : Name :	Toshihiko Oyama Toshihiko OYAMA	2017.3.16

4) : Takahiro Moriya 2017. 03. 19
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5) : Kaoru Narita 2017. 3. 17
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