504663162 11/29/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4709884

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KAYO SAKAI	10/10/2017
EIICHIROU SHIMAZU	10/10/2017
SHOUGO KANBE	10/10/2017
TAKAYUKI ODA	10/14/2017

RECEIVING PARTY DATA

Name:	NTN CORPORATION
Street Address:	3-17, KYOMACHIBORI 1-CHOME, NISHI-KU, OSAKA-SHI
City:	OSAKA
State/Country:	JAPAN
Postal Code:	550-0003

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15578194

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	1007-159	
NAME OF SUBMITTER:	JAMES V. COSTIGAN	
SIGNATURE:	/James V. Costigan/	
DATE SIGNED: 11/29/2017		
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

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PATENT REEL: 044254 FRAME: 0137 source=1007P159Assign#page2.tif

PATENT REEL: 044254 FRAME: 0138 Docket No. 1007 - 159

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37CFR1.63) FILED WITH AN APPLICATION DATA SHEET (37CFR1.76)

Title: MAGNETIC ELEMENT

As the below named inventor, I/We hereby declare that:

This declaration is for: __ The attached application, or

X U.S. application or PCT application No.PCT/JP2016/065403 filed: May 25, 2016

The above-identified application was made or authorized to be made by me/us.

I/We believe that I/We are the original inventor or an original joint inventor of a claimed invention in the application. I/We have reviewed and understand the contents of the above identified application, including the claims. I/We acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR§1.56.

The entity known as NTN CORPORATION (Assignee) having a place of business at: 3-17, Kyomachibori 1-chome, Nishi-ku, Osaka-shi, Osaka 5500003 Japan desires to acquire the entire right, title and interest to said invention and to any Letters Patent that may be granted in the United States and its territorial possessions and in any and all foreign countries.

In consideration of the sum of one dollar (\$1.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I/We do sell, assign and transfer to said Assignee the full and exclusive right to said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of any international convention or treaty from said application) and the entire right, title and interest in the United States and its territorial possessions and in any and all foreign countries and to any divisions, reissues, substitutions and continuing applications thereof.

I/We hereby authorize and request any official whose duty it is to issue patents, to issue any patent on said application to said Assignee, or its representatives, successors or assigns and agree that on request and without further consideration, but at the expense of said Assignee, I/We will communicate to said Assignee, or its representatives or nominees any facts known to me/us respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, substitutions and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said improvements in all countries.

I/We authorize my attorneys to insert, above, the filing date and or Application serial number of the application to which this declaration/assignment is directed.

I/We hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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Legal Name of Inventor(s):	
Inventor: Kayo SAKAI	Dated: /O October, 2017 (DD-MONTH-YYYY)
Signature: Kayo Sakai	,
Inventor: Eiichirou SHIMAZU	Dated: <u>lo October</u> 20/7 (DD-MONTH-YYYY)
Signature: Elichirou Shimazu	
Inventor: Shougo KANBE	Dated: 10 Otober 2017 (DD-MONTH-YYYY)
Signature: Ang - Kanbe	
Inventor: <u>Takayuki ODA</u>	Dated: 14 October, 2017 (DD-MONTH-YYYY)

RECORDED: 11/29/2017

Signature: Takayuki Oda

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