#### 503811648 05/04/2016

## PATENT ASSIGNMENT COVER SHEET

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**SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT** 

#### **CONVEYING PARTY DATA**

| Name          | Execution Date |
|---------------|----------------|
| HIROYOSHI ITO | 04/12/2016     |

#### **RECEIVING PARTY DATA**

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

### **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15034291 |

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| ATTORNEY DOCKET NUMBER:           | 2016-0567A           |
|-----------------------------------|----------------------|
| NAME OF SUBMITTER:                | NATALIE S. BURKHARDT |
| SIGNATURE: /Natalie S. Burkhardt/ |                      |
| DATE SIGNED:                      | 05/04/2016           |

**Total Attachments: 2** 

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**PATENT** REEL: 038454 FRAME: 0902

# **ASSIGNMENT**

| Insert Name(s)<br>of Inventor(s)      | undersigned  Hiroyoshi ITO  |
|---------------------------------------|---|
| Insert Name(s) of Assignee(s) Address | the undersigned hereby sell(s) and assign(s) to  NTN CORPORATION  of 3-17. Kyomachibori 1-chome, Nishi-ku, Osaka-shi, Osaka, Japan  |
| Title of<br>Invention                 | (hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as   |
|                                       | ROLLING BEARING WITH ROTATION SENSOR  The undersigned agree(s) to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient. |
|                                       | The undersigned agree(s) to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.                                    |
|                                       | The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements, which includes the right to claim priority and the right to be granted a patent in any PCT Contracting State.                    |
|                                       | The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.  |
|                                       | The undersigned hereby authorize(s) and request(s) the USPTO to issue any and all Letters Patents of the United States resulting from said application or any   |

continuation, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and covenant(s) that the undersigned have not

executed, and will not execute, any agreement in conflict herewith.

PATENT REEL: 038454 FRAME: 0903 The undersigned hereby grant(s) the firm of Wenderoth Lind & Ponack, L.L.P., the power to insert on this document any further identification which may be necessary or desirable.

Executed by the undersigned on the date(s) opposite the undersigned name(s).

| (Signature)                                    | APril 12, 2016           |
|--|--------------------------|
| (Signature)                                    | (Date)                   |
|  |                          |
|  | ·                        |
|  |                          |
|  |                          |
| Witness (optional)                             |                          |
| Witness (optional)                             | _                        |
|  |                          |
| The above application may be more particularly | y identified as follows: |

Filing Date: Attorney Docket No

PATENT REEL: 038454 FRAME: 0904

**RECORDED: 05/04/2016** 

U.S. Application Serial No.:

Applicant Reference Number: