

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | |
|---|---|---------------|-----------------|---------------------|---|-------------------|------------|----------------|------------|--------------|----------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Katsufumi Abe</td> <td>01/21/2009</td> </tr> <tr> <td>Hiroki Tsuchiyama</td> <td>01/20/2009</td> </tr> <tr> <td>Shinji Oishi</td> <td>01/21/2009</td> </tr> </tbody> </table> | | Name | Execution Date | Katsufumi Abe | 01/21/2009 | Hiroki Tsuchiyama | 01/20/2009 | Shinji Oishi | 01/21/2009 | | |
| Name | Execution Date | | | | | | | | | | |
| Katsufumi Abe | 01/21/2009 | | | | | | | | | | |
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| RECEIVING PARTY DATA | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>NTN CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>3-17, Kyomachibori 1-chome, Nishi-ku, Osaka-shi</td> </tr> <tr> <td>City:</td> <td>Osaka</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>550-0003</td> </tr> </table> | | Name: | NTN CORPORATION | Street Address: | 3-17, Kyomachibori 1-chome, Nishi-ku, Osaka-shi | City: | Osaka | State/Country: | JAPAN | Postal Code: | 550-0003 |
| Name: | NTN CORPORATION | | | | | | | | | | |
| Street Address: | 3-17, Kyomachibori 1-chome, Nishi-ku, Osaka-shi | | | | | | | | | | |
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| Postal Code: | 550-0003 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12310675</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12310675 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 12310675 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| <p>Fax Number: (703)504-9415</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-835-1111</p> <p>Email: mmolli@clarkbrody.com</p> <p>Correspondent Name: CLARK & BRODY</p> <p>Address Line 1: 1700 Diagonal Rd.</p> <p>Address Line 2: Suite 510</p> <p>Address Line 4: Alexandria, VIRGINIA 22314</p> | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 12112-0045 | | | | | | | | | | |
| NAME OF SUBMITTER: | Christopher W. Brody | | | | | | | | | | |
| <p>Total Attachments: 1</p> <p>source=12112-45 assign ntn1#page1.tif</p> | | | | | | | | | | | |

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PATENT

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REEL: 025397 FRAME: 0607

12112-45

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Docket No.:

ASSIGNMENT

This is an Assignment of the following rights, title and interest:

☒ United States of America rights, title and interest in the invention

☐ United States Patent Application Serial No. _____

Date of Execution: _____

Date of Filing: _____

Title of the Invention:

Roller Bearing, Camshaft Support Structure, and
Internal Combustion Engine

Inventors (assignors):

Katsufumi ABE, Hiroki TSUCHIYAMA and Shinji OISHI

Assignee:

NTN CORPORATION, 3-17, Kyomachibori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0003 Japan

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said applications(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States, unto said Assignee.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Katsufumi ABE
Signature: Katsufumi ABE

January 21, 2009
Date

Hiroki Tsuchiyama
Signature: Hiroki TSUCHIYAMA

January 20, 2009
Date

Shinji Oishi
Signature: Shinji OISHI

January 21, 2009
Date