

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Shuji MOCHINAGA</td> <td>02/14/2013</td> </tr> <tr> <td>Takayuki NORIMATSU</td> <td>02/14/2013</td> </tr> </tbody> </table>		Name	Execution Date	Shuji MOCHINAGA	02/14/2013	Takayuki NORIMATSU	02/14/2013
Name	Execution Date						
Shuji MOCHINAGA	02/14/2013						
Takayuki NORIMATSU	02/14/2013						
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							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>29440776</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	29440776		
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Application Number:	29440776						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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NAME OF SUBMITTER:	Janae Johnson						
Total Attachments: 2 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif							

OP \$40.00 29440776

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s) Shuji MOCHINAGA
of Takayuki NORIMATSU
Inventor(s)

Insert Name(s) the undersigned hereby sell(s) and assign(s) to
of NTN CORPORATION
Assignee(s) of 3-17, Kyomachibori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0003, Japan
Address

Title of (hereinafter designated as the Assignee) the entire right, title and interest for the
Invention United States as defined in 35 USC 100, in the invention known as
BEARING FOR A WHEEL, A PART OF A BEARING FOR A WHEEL, AND A HUB WHEEL
OF A BEARING FOR A WHEEL

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.

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) <u>Shuji Mochinaga</u> Shuji MOCHINAGA	<u>Feb. 14, 2013</u> (Date)
(Signature) <u>Takayuki Norimatsu</u> Takayuki NORIMATSU	<u>Feb. 14, 2013</u> (Date)
(Signature) _____	(Date) _____
(Signature) _____	(Date) _____
(Signature) _____	(Date) _____
(Signature) _____	(Date) _____

Witness (optional) _____

Witness (optional) _____

The above application may be more particularly identified as follows:

U.S. Application Serial No.: 29/440,776
Applicant Reference Number: FD2012-006US

Filing Date: December 27, 2012
Attorney Docket No 2012_5613A