

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HIROSHI KAWAHARA	07/27/2021
HIROFUMI ITAGAKI	07/30/2021
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<b>Postal Code:</b>	141-8560
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17440950
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<b>ATTORNEY DOCKET NUMBER:</b>	C1-6212-US
<b>NAME OF SUBMITTER:</b>	GARY M. HARTMAN
<b>SIGNATURE:</b>	/Gary M. Hartman/
<b>DATE SIGNED:</b>	09/20/2021
<b>Total Attachments: 4</b>	
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COMBINED DECLARATION AND ASSIGNMENT

**FOR UTILITY OR DESIGN PATENT APPLICATION**

As the below named inventor(s), I/we hereby declare that:

This declaration and assignment are directed to:

**FRICTIONAL ROLLER REDUCER**

- ☐ the specification of which is attached hereto OR
- ☒ United States application or PCT international application number  
PCT/JP2020/000683 filed on January 10, 2020, which claims priority to JP  
Application No. 2019-053690, filed March 20, 2019.

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

We believe that we are original joint inventors of a claimed invention in the application.

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

We have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR § 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the filing date of the continuation-in-part application.

In accordance with our obligations between NSK, Ltd., a Tokyo, Japan corporation, and our employers, and/or for other good and valuable consideration of which we acknowledge receipt, I/we,

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Hiroshi		KAWAHARA	of	Kanagawa		Japan
Hirofumi		ITAGAKI	of	Kanagawa		Japan

hereby sell and assign to:

Name of Company: NSK, Ltd.
Entity Type (optional): corporation
Address: 6-3, Ohsaki 1-Chome, Shinagawa-Ku, Tokyo 141-8560 Japan

herein referred to as "Company", its successors and assigns our entire respective rights, titles and interests in and to the invention and improvements made or conceived by us described in the application(s) listed above and in the following table:

Country of Filing	Type of Filing	Application Number	Filing Date	Title

(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application(s) when known.)

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, continuations-in-part, reexaminations, renewals, and reissues thereof, and all rights of priority resulting from the filing of the application(s), and authorize and request any official whose duty it is to issue patents, to issue any patent on the inventions and improvements resulting therefrom to the Company, or its successors or assigns, and agree that on request and without further consideration, we will communicate to the Company or its representatives or nominees any facts known to us respecting the inventions and improvements and testify in any legal proceeding, make all rightful oaths, sign all lawful papers and execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including, but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter parties review, or extension thereof, and generally do everything possible to aid the Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

Docket No. C1-6212-US

INVENTOR 1

Citizenship: Japanese

Signature: /Hiroshi KAWAHARA/  
**Hiroshi KAWAHARA**

Date: 7/27/2021

Docket No. C1-6212-US

INVENTOR 2

Citizenship: Japanese

Signature: /Hirofumi ITAGAKI/  
**Hirofumi ITAGAKI**

Date: 7/30/2021