

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	RYOSUKE AMANO	02/02/2019
	YOSHIAKI KATSUNO	01/23/2019
	KYOHEI MATSUNAGA	01/23/2019
RECEIVING PARTY DATA		
Name:	NSK LTD.	
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City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	1418560	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	16322313	
CORRESPONDENCE DATA		
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ATTORNEY DOCKET NUMBER:	Q244900	
NAME OF SUBMITTER:	DENNIS E BUTLER - TEAMS	
SIGNATURE:	/Dennis Butler/	
DATE SIGNED:	02/25/2019	
Total Attachments: 1		
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Assignment

Whereas, I/We, Ryosuke AMANO, Yoshiaki KATSUNO and Kyohei MATSUNAGA all of Fujisawa-shi, Kanagawa, Japan, hereinafter called assignor(s), have invented certain improvements in BALL BEARING AND MAIN SHAFT DEVICE FOR MACHINE TOOL and executed an application for Letters Patent of the United States of America therefor on _____; and

Whereas, NSK Ltd. of 6-3, Ohsaki 1-chome, Shinagawa-ku, Tokyo 1418560 Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number _____, filed _____ and Confirmation number _____) the application number, confirmation number and filing date of said application when known.

Date: 2/2/2019 Ryosuke Amano
s/ Ryosuke AMANO

Date: 1/23/2019 Yoshiaki Katsuno
s/ Yoshiaki KATSUNO

Date: 1/23/2019 Kyohei Matsunaga
s/ Kyohei MATSUNAGA

Date: _____
s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)