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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY DA	ATA				
		Name		Execution Date	
SHOHEI HASHIZUME				03/02/2022	
RECEIVING PARTY DA	ТΔ				
Name:	 T	NTN CORPORATION			
Street Address:	3-17, K	3-17, KYOMACHIBORI 1-CHOME,			
Internal Address:	NISHI-P	(U, OSAKA-SHI			
City:	OSAKA	OSAKA			
State/Country:	JAPAN	JAPAN			
Postal Code:	550-000	03			
Application Number:		17161337			
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CORRESPONDENCE D					
Fax Number:		(202)756-8087 • the e-mail address first; if tha	t ia unauaaaa	iul it will be cont	
		; if that is unsuccessful, it will			
Phone:	:	202-756-8000	2-756-8000		
		eimster@mwe.com, ipdocketmwe@mwe.com, dcipptsclerks@mwe.com			
Correspondent Name:		TOMOKI TANIDA			
Address Line 1:	•		ICDERMOTT WILL & EMERY LLP		
Address Line 2: 500 N		00 NORTH CAPITOL STREET, N.W.			
	-				
Address Line 4:		WASHINGTON, D.C. 20001			
	,				
ATTORNEY DOCKET NU	,	WASHINGTON, D.C. 20001		DA	
Address Line 4: ATTORNEY DOCKET NU NAME OF SUBMITTER: BIGNATURE:	,	WASHINGTON, D.C. 20001 070456-0514	ΤΟΜΟΚΙ ΤΑΝΙ	DA	
ATTORNEY DOCKET NU NAME OF SUBMITTER:	,	WASHINGTON, D.C. 20001 070456-0514 RENELL FEIMSTER FOR	ΤΟΜΟΚΙ ΤΑΝΙ	DA	
TTORNEY DOCKET NU AME OF SUBMITTER: IGNATURE:	,	WASHINGTON, D.C. 20001 070456-0514 RENELL FEIMSTER FOR /Renell Feimster for Tomol	ΤΟΜΟΚΙ ΤΑΝΙ	DA	

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ATTORNEY DOCKET NO.

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

		Application No.	Filed		
Insert Name(s) of Inventor(s)	90 6	WHEREAS, Shohei HASH	ZUMR		
Insert Title of Invention	***	(hereinefter designated as the undersigne Bearing Apparatus and Sp	i) has (have) invented certain new and useful improvements in ACCT		
Insert Date of Signing of Application Insert Name of Assignae	904 905	for which an application for Letters Pa undersigned (except in the case of a prov on <u>March 2, 2022</u> WHEREAS, <u>NTN Corporat</u>	; and		
Insert Address of Assignce	00 ¢-	of <u>3-17, Kycmachibori 1-</u> Japan	chome, Nishi-ku, Osaka-shi, Osaka 550-0003		
CHECK BOX		its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and			

and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion 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 interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional, conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of McDermott Will & Emery LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

(1) Date	March 2 2022 .	Name of Inventor <u>Unshei Hashizismi</u> Shohai HASHIZUME
(2) Date		Name of Inventor
(3) Date	······································	Name of Inventor
(4) Date		Name of Inventor
(5) Dete		Name of Inventor
(6) Date		Name of Inventor
(7) Date	,	Name of Inventor

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