01/11/2017 504173928

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4220606

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KOUICHI ONIMARU	12/19/2016
TASUKU FURUKAWA	12/19/2016

RECEIVING PARTY DATA

Name:	NTN CORPORATION
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City:	OSAKA
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15325539

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NAME OF SUBMITTER:	SARAH PEDERSEN
SIGNATURE:	/Sarah Pedersen/
DATE SIGNED:	01/11/2017

Total Attachments: 2

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> **PATENT** REEL: 040948 FRAME: 0321 504173928

ASSIGNMENT

In consideration of good and valuable consideration paid to each of the undersigned

Kouichi ONIMARU

Tasuku FURUKAWA

Insert Name(s) of Inventor(s)

the undersigned hereby sell(s) and assign(s) to

Insert Name(s) of Assignee(s)

NTN CORPORATION

Address

of 3-17, Kyomachibori 1-chome, Nishi-ku, Osaka-shi, Osaka, Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

Title of Invention

Chain tensioner

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.

PATENT REEL: 040948 FRAME: 0322 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).

RECORDED: 01/11/2017

Kouichi Onimaru	December 17, 2018	
(Signature)		(Date)
Tasuku Furukawa	December 19, 2016	
(Signature)		(Date)
Witness (optional)		_
Witness (optional)		
The above application may be more particular	larly identified as follows:	
U.S. Application Serial No.:	Filing Date:	
Applicant Reference Number:	Attorney Docket No	

PATENT REEL: 040948 FRAME: 0323