505436519 04/19/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHIRO TAMURA	04/04/2019
MINORU SUZUKI	04/04/2019
SHINYA TAIKOU	04/04/2019

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

Property Type	Number
Application Number:	16343449

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 2019-0645A NAME OF SUBMITTER: JANAE GALLUN SIGNATURE: /Janae Gallun/ **DATE SIGNED:** 04/19/2019

Total Attachments: 2

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> **PATENT** REEL: 048937 FRAME: 0799 505436519

ASSIGNMENT

	In consideration of good and valuable consideration paid to each of the undersigned
Insert Name(s)	Shiro TAMURA
of	Minoru SUZUKI
Inventor(s)	Shinya TAIKOU
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	
	(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	The state of the s
Invention	IN-WHEEL MOTOR DRIVE DEVICE
	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

PATENT REEL: 048937 FRAME: 0800 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).

STURO Lamura	Apr. 4, 2019	
(Signature) Shiro TAMURA		(Date)
Minory Susuki	Apr. X, 2019	` ′
(Signature) Minoru SUZUKI		(Date)
Shinya TAIkou	Apr. 4, 2019	
(Signature) Shinya TAIKOU		(Date)
(Signature)		(Date)
(Signature)		(Date)
		(= 0.0)
(Signature)		(Date)
		(Date)
Witness (optional)		
Witness (optional)		
The above application may be more particula	rly identified as follows:	
U.S. Application Serial No.:	Filing Date:	
Applicant Reference Number: FP2016-145US	Attorney Docket No	

PATENT REEL: 048937 FRAME: 0801

RECORDED: 04/19/2019