

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5564293

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	HITACHI AUTOMOTIVE SYSTEMS, LTD.	06/03/2019
RECEIVING PARTY DATA		
Name:	KNORR-BREMSE STEERING SYSTEM JAPAN LTD.	
Street Address:	25-10, MIYAKO, NAMEGAWA-MACHI, HIKI-GUN	
City:	SAITAMA	
State/Country:	JAPAN	
Postal Code:	355-0812	
PROPERTY NUMBERS Total: 3		
	Property Type	Number
	Application Number:	16314988
	Application Number:	15549721
	Patent Number:	10196082
CORRESPONDENCE DATA		
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ATTORNEY DOCKET NUMBER:	106991-0186, -0155, -0141	
NAME OF SUBMITTER:	KANDIE PREDMORE FOR PAVAN AGARWAL	
SIGNATURE:	/Kandie Predmore/	
DATE SIGNED:	06/10/2019	
Total Attachments: 2		
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Atty. Dkt. Nos. 106991-0186
106991-0155
106991-0141

PATENT ASSIGNMENT

WHEREAS **HITACHI AUTOMOTIVE SYSTEMS, LTD.**, of 2520 Takaba, Hitachinaka-shi, Ibaraki 312-8503 Japan, (hereinafter "Assignor") is the owner of the following United States Letters Patent/Patent Applications, and the invention(s) set forth therein, as shown by the records of the United States Patent and Trademark Office:

U.S. PATENT APPLICATION	FILING DATE	TITLE
16/314,988	1/3/2019	ACTUATOR FOR STEERING SYSTEM
15/549,721	8/9/2017	POWER STEERING DEVICE

U.S. PATENT	GRANT DATE	TITLE
10,196,082	2/5/2019	POWER STEERING APPARATUS

WHEREAS **KNORR-BREMSE STEERING SYSTEM JAPAN LTD.**, of 25-10, Miyako, Namegawa-machi, Hiki-gun, Saitama 355-0812 Japan, (hereinafter referred to as "Assignee") is desirous of acquiring the full right, title and interest in and to said invention for the United States of America, and in and to said United States Patent/Patent Applications;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by Assignor, Assignor has sold, assigned, transferred and set over, and by these presents hereby sells, assigns, transfers and sets over to Assignee the entire and exclusive right, title and interest in and to said inventions for the United States of America, and in and to said Letters Patent/Patent Applications listed above, including any and all divisional, continuation, continuation-in-part, reissues or extensions thereof, and any and all Letters Patents that may issue on the Patent Applications, to be held and enjoyed by Assignee for its own use as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment not been made; the Commissioner of Patents and Trademarks of the United States of America is hereby authorized to transfer the title indicated to said Letters Patent/Patent Applications to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the Assignor, but also that such assigned rights are not encumbered by any grant, license, or other right theretofore given; Assignor hereby undertakes to execute and deliver to Assignee upon request all lawful documents which may be requested by Assignees, and to furnish Assignee with all facts relating to said invention(s) as may be requested.

The undersigned hereby grant the firm of **FOLEY & LARDNER LLP**, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Atty. Dkt. Nos. 106991-0186
106991-0155
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HITACHI AUTOMOTIVE SYSTEMS, LTD

Date: June 3, 2019

By: Yuzo Kadomukai
Name: Yuzo KADOMUKAI
Title : Executive Vice President, Head of Japan Region

Date: _____

Witness: _____

Date: _____

Witness: _____