505352854 03/01/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KATSUMASA HAGIWARA	01/31/2009

RECEIVING PARTY DATA

Name:	HITACHI AUTOMOTIVE SYSTEMS, LTD.
Street Address:	2520, TAKABA
City:	HITACHINAKA-SHI, IBARAKI
State/Country:	JAPAN
Postal Code:	312-8503

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16329749

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	023484-0623
NAME OF SUBMITTER:	KANDIE PREDMORE FOR PAVAN AGARWAL
SIGNATURE:	/KANDIE PREDMORE/
DATE SIGNED:	03/01/2019

Total Attachments: 1

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PATENT REEL: 048473 FRAME: 0557

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U.S. Rights - Sole or Joint

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

	Y
name and address of assignee	HITACHI AUTOMOTIVE SYSTEMS, LTD. 2520, Takaba, Hitachinaka-shi, Ibaraki 312-8503 Japan
	(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to
title of invention	CONNECTION TERMINAL ASSEMBLED BODY AND CIRCUIT BOARD USING SAME CONNECTION TERMINAL ASSEMBLED BODY
	as set forth in his/her United States Patent Application
check one	() executed concurrently herewith
	request of said ASSIGNEE, its successors, legal representatives or assigns he/she will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him/her relating to said invention or patent application and that he/she will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues, reexaminations, or extensions in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention; Each of the undersigned hereby grants 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.
names and signatures of inventors	Name: Katsumasa HAGIWARA Name:

date

Name:

PATENT REEL: 048473 FRAME: 0558

date

RECORDED: 03/01/2019

Name: