505868745 01/16/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

ersion v1.1 EPAS ID: PAT5915573

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NAOYUKI YAMAMOTO	12/09/2019
KENICHI OSADA	12/09/2019
SHUHEI KANEKO	12/10/2019
HITOSHI KAWAGUCHI	12/09/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16631736

CORRESPONDENCE DATA

Fax Number: (202)672-5399

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2026725300

Email: ipdocketing@foley.com, nugreen@foley.com

Correspondent Name: FOLEY & LARDNER LLP Address Line 1: 3000 K STREET N.W.

Address Line 2: SUITE 600

Address Line 4: WASHINGTON, D.C. 20007-5109

ATTORNEY DOCKET NUMBER:	095909-0336	
NAME OF SUBMITTER:	NAOMI GREEN	
SIGNATURE:	/Naomi Green/	
DATE SIGNED:	01/16/2020	

Total Attachments: 3

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PATENT 505868745 REEL: 051539 FRAME: 0095

ASSIGNMENT (譲 渡 証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me by HITACHI AUTOMOTIVE SYSTEMS, LTD., a corporation organized under the laws of Japan, located at

2520, Takaba, Hitachinaka-shi, Ibaraki, JAPAN

receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI AUTOMOTIVE SYSTEMS, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

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invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI AUTOMOTIVE SYSTEMS, LTD.,

its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI AUTOMOTIVE SYSTEMS, LTD.,

Signed on the date(s) indicated aside our signatures:

INVENTOR(S) (発明者フルネームサイン)	DATE SIGNED (署名日)
1) Nao yuk: Yamamoto Naoyuki YAMAMOTO	12/9/2019
2) Kenichi OSADA	www.
3) Shuhei KANEKO	
4) Hitoshi Kawaguchi Hitoshi KAWAGUCHI	12/9/2019
5)	
6)	
7)	
8)	,

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ASSIGNMENT

(譲渡証)

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Signed on the date(s) indicated aside our signatures:

INVENTOR(S)

	(発明者フルネームサイン)	(署名日)
1)_	Naoyuki YAMAMOTO	
2)_	Zemidic O Sada Kenichi OSADA	12/9/2019
3)_	Shuhei KANEKO	
4)_	Hitoshi KAWAGUCHI	
5)		
6)_		
7)_		
8)_		

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DATE SIGNED

ASSIGNMENT

(譲渡証)

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to be held and enjoyed by said HITACHI AUTOMOTIVE SYSTEMS, LTD.,

its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

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INVENTOR(S)

	(発明者フルネームサイン)		(署名日)
1)	Naoyu	JKI YAMAMOTO	
2)		Kenichi OSADA	
3)_	Shuhei Kaneko s	Shuhei KANEKO	12/10/2019
4)_	Hitos	hi KAWAGUCHI	
5)			V-4-44-1
6)_			
7)_			***
8)_			

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PATENT REEL: 051539 FRAME: 0098

DATE SIGNED

RECORDED: 01/16/2020