505868671 01/16/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
JUNYA TAKAHASHI	10/24/2019
YUKI AKIYAMA	10/25/2019
KENTA MAEDA	10/29/2019
NAOKI HIRAGA	09/22/2019
TOSHIYUKI INNAMI	10/23/2019

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:	16631708

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.

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

Correspondent Name: FOLEY & LARDNER LLP
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Address Line 2: SUITE 600

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

ATTORNEY DOCKET NUMBER:	096243-0240
NAME OF SUBMITTER:	NAOMI GREEN
SIGNATURE:	/Naomi Green/
DATE SIGNED:	01/16/2020

Total Attachments: 4

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PATENT 505868671 REEL: 051538 FRAME: 0730

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> PATENT REEL: 051538 FRAME: 0731

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

DEVICE AND METHOD FOR CONTROLLING VEHICLE MOVEMENT, AND DEVICE AND METHOD FOR GENERATING TARGET COURSE

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, No.PCT/JP2018/028028 filed July 26, 2018, 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)		(署名日)	
1)	Junya Jakahashi Junya TAKAHASH	10/24/2019	
2)_	Yuki AKIYAM/	!	
3)_	Heate Marela Kenta MAEDA	10/29/2019	
4)_	Naoki HIRAGA		
5)	Toshiyuki INNAM		

PATENT REEL: 051538 FRAME: 0732

Date Signed

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INVENTOR(S)

(者名日)	(発明者ブルネームサイン)	
	Junya TAKAHASHI	1)_
10/25/2019	Yuki Akiyama Yuki AKIYAMA	2)_
	Kenta MAEDA	3)_
	Naoki HIRAGA	4)_
	Toshiyuki INNAMI	5)

PATENT REEL: 051538 FRAME: 0733

Date Signed

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(署名日)	(発明者フルネームサイン)	
	Junya TAKAHASHI	1)
	Yuki AKIYAMA	2)
	. Kenta MAEDA	3)
9/22/2019	naski Idwaga Naoki HIRAGA	4)
	Toshiyuki INNAMI	5)

PATENT REEL: 051538 FRAME: 0734

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1)	Junya TAKAHASHI	Management of the Control of the Con	
2)	Yuki AKIYAMA		
3)	Kenta MAEDA	M	
4)	Naoki HIRAGA	And the second s	
5)	Joshi yok i Smn gmij Toshiyuki INNAMI	10/23/2019	

PATENT REEL: 051538 FRAME: 0735

RECORDED: 01/16/2020