506401385 12/14/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YOSUKE HASHIMOTO	10/26/2020
AKIHIRO KATAYAMA	10/26/2020
YUTA OSHIRO	11/21/2020
KAZUKI SUGIE	10/23/2020
NAOYA OKA	11/02/2020

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17120828

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DATE SIGNED:	12/14/2020

Total Attachments: 2 source=ASN#page1.tif

PATENT 506401385 REEL: 054638 FRAME: 0245

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PATENT REEL: 054638 FRAME: 0246

ASSIGNMENT OF APPLICATION

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned inventor(s) hereby:

1) Sell(s), assign(s) and transfer(s) to

TOYOTA JIDOSHA KABUSHIKI KAISHA

(hereinafter referred to as "ASSIGNEE"), which has a business office

1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 Japan,

the entire right, title, and interest in any and all inventions and improvements disclosed in, application(s) based upon, and Patent(s) granted upon the information which is disclosed in the application entitled: VEHICLE CONTROL DATA GENERATING METHOD, VEHICLE CONTROLLER,

VEHICLE CONTROL SYSTEM, AND VEHICLE LEARNING DEVICE

for which I(we) have executed an application for a United States Letters Patent on October 23, 26, November 2 and 21, 2020 (Application Serial filed on

- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application, or any division, continuation, substitute or reissue thereof, to the ASSIGNEE.
- 3) Agree to execute all papers and documents and perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof and/or the enforcement of patents resulting from such applications.

Signed on the date(s) indicated beside my(our) signature(s).

1)		Date: October 26, 2010
2)	Name: Yosuke HASHIMOTO Akthoro Ratayama	Date: October 26, 2020
3)	Name: Akihiro KATAYAMA Yuto Oshuo	Date: November, 21.2020
4)	Name: Yuta OSHIRO Name: Kazuki SUGIE	Date:
5)	Name: Naoya Oka	Date: November 2, 2020
Wi	tness:	Date:

PATENT REEL: 054638 FRAME: 0247

ASSIGNMENT OF APPLICATION

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned inventor(s) hereby:

1) Sell(s), assign(s) and transfer(s) to

TOYOTA JIDOSHA KABUSHIKI KAISHA

(hereinafter referred to as "ASSIGNEE"), which has a business office at

1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 Japan,

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VEHICLE CONTROL DATA GENERATING METHOD, VEHICLE CONTROLLER, VEHICLE CONTROL SYSTEM, AND VEHICLE LEARNING DEVICE for which I (we) have executed an application for a United States Letters Patent on October 23, 26, November 2 and 21, 2020 (Application Serial No. ________.)

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Signed on the date(s) indicated beside my(our) signature(s).

1)	Name: Yosuke HASHIMOTO	Date:
	Name: Tosuke mashimoto	
2)	Name: Akihiro KATAYAMA	Date:
	Name: Akihiro KATAYAMA	
3)		Date:
	Name: Yuta OSHIRO	
4)		Date: October 23, 2020
	Name: Kazuki SUGIE	
5)		Date:
5)	Name: Nacya OKA	Date:
5)		Date:

PATENT REEL: 054638 FRAME: 0248

RECORDED: 12/14/2020