507797078 03/14/2023

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7844207

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HARUHIKO FUJITA	02/22/2023
DAISUKE GOTO	02/22/2023

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17792263

CORRESPONDENCE DATA

Fax Number: (202)721-8250

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: 12027218200

Email: wlp@wenderoth.com

Correspondent Name: WENDEROTH, LIND & PONACK, LLP Address Line 1: 1025 CONNECTICUT AVENUE, N.W.

Address Line 2: SUITE 500

Address Line 4: WASHINGTON, D.C. 20036

ATTORNEY DOCKET NUMBER:	2022-1289A
NAME OF SUBMITTER:	KELLY J. FORE
SIGNATURE:	/Kelly J. Fore/
DATE SIGNED:	03/14/2023

Total Attachments: 4

source=ASSIGNMENT DOC#page1.tif source=ASSIGNMENT DOC#page2.tif source=ASSIGNMENT DOC#page3.tif source=ASSIGNMENT DOC#page4.tif

PATENT 507797078 REEL: 062973 FRAME: 0651

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of VEHICLE CONTROL DEVICE, VEHICLE CONTROL METHOD, AND VEHICLE CONTROL SYSTEM Invention As the below named inventor, I hereby declare that: This declaration is directed to: The attached application, or ☑ United States application or PCT international application number PCT/JP2021/000796 filed on January 13, 2021. The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56." In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid, I hereby sell and assign to Hitachi Astemo, Ltd. (Name of Assignee) of 2520, Takaba, Hitachinaka-shi, Ibaraki 312-8503 Japan (address of Assignee)

(hereinafter designated as the Assignee) my entire right, title and interest for the United States as defined in 35 USC 100, for any invention set forth in the above-identified application.

I agree to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

PATENT REEL: 062973 FRAME: 0652

I agree to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding. I agree to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements. I agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee. I hereby authorize and request the USPTO to issue any and all Letters Patents of the United States resulting from the application or any continuation, divisional or reissue applications thereof to the Assignee, as Assignee of my entire interest, and covenant that I have not executed, and will not execute, any agreement in conflict herewith. I hereby grant the firm of Wenderoth Lind & Ponack, L.L.P., the power to insert on this document any further identification which may be necessary or desirable. Inventor (Legal Name): Haruhiko FUJITA Signature: Harafile Full to Date: ____ February 22, 2023 Inventor (Legal Name): Daisuke GOTO Signature: Date: Witness (Optional) Witness (Optional)

> PATENT REEL: 062973 FRAME: 0653

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

	1.76) AND ASSIGNMENT
Title of Invention	VEHICLE CONTROL DEVICE, VEHICLE CONTROL METHOD, AND VEHICLE CONTROL SYSTEM
As the belov	w named inventor, I hereby declare that:
This declara	
	☐ United States application or PCT international application
	number PCT/JP2021/000796 filed on January 13, 2021.
The above-i	dentified application was made or authorized to be made by me.
I believe that the applicat	at I am the original inventor or an original joint inventor of a claimed invention in ion.
	snowledge that any willful false statement made in this declaration is punishable S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
declaration the applicat	entor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or for an application unless that person has reviewed and understands the contents of ion, including the claims, and is aware of the duty to disclose to the Office all known to the person to be material to patentability as defined in § 1.56."
•	ation of the sum of One Dollar (\$1.00) and other good and valuable consideration by sell and assign to
	Assignee)
	kaba, Hitachinaka-shi, Ibaraki 312-8503 Japan of Assignee)
	designated as the Assignee) my entire right, title and interest for the United fined in 35 USC 100, for any invention set forth in the above-identified

I agree to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

PATENT REEL: 062973 FRAME: 0654

I agree to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding. I agree to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements. I agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee. I hereby authorize and request the USPTO to issue any and all Letters Patents of the United States resulting from the application or any continuation, divisional or reissue applications thereof to the Assignee, as Assignee of my entire interest, and covenant that I have not executed, and will not execute, any agreement in conflict herewith. I hereby grant the firm of Wenderoth Lind & Ponack, L.L.P., the power to insert on this document any further identification which may be necessary or desirable. Inventor (Legal Name): Haruhiko FUJITA Signature: Date: Inventor (Legal Name): Daisuke GOTO Signature: Daisuke Goto Date: February 22, 2023 Witness (Optional) Witness (Optional)

> PATENT REEL: 062973 FRAME: 0655

RECORDED: 03/14/2023