

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HIROKAZU FUJIMOTO	05/17/2022
TATSURU NIIHARA	05/09/2022
YOSHINORI KOHNO	05/10/2022
HIROKI SATO	05/10/2022
SHIGEHARU SHIBAHATA	05/10/2022
DAISUKE TSUGA	05/10/2022
RECEIVING PARTY DATA	
Name:	HITACHI ASTEMO, LTD.
Street Address:	2520 TAKABA
Internal Address:	HITACHINAKA-SHI
City:	IBARAKI
State/Country:	JAPAN
Postal Code:	3128503
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17748172
CORRESPONDENCE DATA	
Fax Number:	(914)288-0023
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Email:	uspto@leasonellis.com
Correspondent Name:	MITSUHIRO HARAGUCHI, LEASON ELLIS LLP
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Address Line 4:	WHITE PLAINS, NEW YORK 10601
ATTORNEY DOCKET NUMBER:	09840/011146-US0
NAME OF SUBMITTER:	KAZUE TURIANO FOR MH
SIGNATURE:	/Kazue Turiano/
DATE SIGNED:	05/19/2022

PATENT

Total Attachments: 9

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ASSIGNMENT

I, **Hirokazu FUJIMOTO, Tatsuru NIIHARA, Yoshinori KOHNO, Hiroki SATO, Shigeharu SHIBAHATA, and Daisuke TSUGA**, a citizen of Japan, having a residence at c/o Hitachi Astemo, Ltd., 2520 Takaba, Hitachinaka-shi, Ibaraki 3128503 Japan;

(hereinafter "ASSIGNORS") in return for good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNORS by

Hitachi Astemo, Ltd.

a Corporation having a place of business at 2520 Takaba, Hitachinaka-shi, Ibaraki 3128503 Japan (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, **throughout the world** in and to our Invention entitled:

**STEERING HOLDING DETERMINATION DEVICE, STEERING CONTROL
DEVICE, AND STEERING DEVICE**

invented by us and described by the above title and docket number in the United States of America; and all patents, divisions, reissues, continuations, continuations-in-part and any extensions thereof and rights of priority therein, said interest being our entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made, including all rights of Assignor to recover for past infringement thereof;

And for the consideration aforesaid, we hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing

therefrom is lawful and desirable, we will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and we hereby appoint every present or future officer of said ASSIGNEE as our agent to sign all such papers and to do all such necessary acts on our behalf, to the fullest extent permitted by law;

And we hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

We declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that we have signed this document as our own free act and that all of the foregoing is true and correct.

Dated: 17/5/2022
(Day/Month/Year)

Hirokazu Fujimoto
Hirokazu FUJIMOTO, Inventor

Dated: _____
(Day/Month/Year)

Tatsuru NIHARA, Inventor

Dated: _____
(Day/Month/Year)

Yoshinori KOHNO, Inventor

Attorney Docket No.:

Dated: _____
(Day/Month/Year)

Hiroki SATO, Inventor

Dated: _____
(Day/Month/Year)

Shigeharu SHIBAHATA, Inventor

Dated: _____
(Day/Month/Year)

Daisuke TSUGA, Inventor

ASSIGNMENT

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STEERING HOLDING DETERMINATION DEVICE, STEERING CONTROL DEVICE, AND STEERING DEVICE

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Dated: _____
(Day/Month/Year)

Hirokazu FUJIMOTO, Inventor

Dated: _____
(Day/Month/Year)

Tatsuru NIIHARA, Inventor

Dated: _____
(Day/Month/Year)

Yoshinori KOHNO, Inventor

Attorney Docket No.:

Dated: _____
(Day/Month/Year)

Hiroki SATO, Inventor

Dated: 10 / 5 / 2022
(Day/Month/Year)

Shigeharu Shibahata
Shigeharu SHIBAHATA, Inventor

Dated: _____
(Day/Month/Year)

Daisuke TSUGA, Inventor

ASSIGNMENT

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therefrom is lawful and desirable, we will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and we hereby appoint every present or future officer of said ASSIGNEE as our agent to sign all such papers and to do all such necessary acts on our behalf, to the fullest extent permitted by law;

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We declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that we have signed this document as our own free act and that all of the foregoing is true and correct.

Dated: _____
(Day/Month/Year)

Hirokazu FUJIMOTO, Inventor

Dated: 9 / 5 / 2022
(Day/Month/Year)

T. Niihara
Tatsuru NIIHARA, Inventor

Dated: 10 / 5 / 2022
(Day/Month/Year)

Yoshinori Kohno
Yoshinori KOHNO, Inventor

Attorney Docket No.:

Dated: 10/5/2022
(Day/Month/Year)

H. Sato
Hiroki SATO, Inventor

Dated: _____
(Day/Month/Year)

Shigeharu SHIBAHATA, Inventor

Dated: 10/5/2022
(Day/Month/Year)

D. Tsuga
Daisuke TSUGA, Inventor