507246903 04/22/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7293823

SUBMISSION TYPE: NEW ASSIGNMENT			
NATURE OF CONVEYAN	CE: ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY DA	ГА		
	Name	Execution Date	
HEISUKE KOBAYASHI		12/22/2021	
TAKESHI HOSHINOYA		01/11/2022	
KEIICHIRO KASHIWABAI	RA	12/22/2021	
NORIFUMI YASUDA		12/22/2021	
MANABU YAZAKI		12/21/2021	
ΤΟΜΟΥUKI SUZUKI		12/16/2021	
AKIRA FUJIWARA		12/14/2021	
HIDEAKI NOTO		12/14/2021	
SHUNSUKE ISOGAI		12/17/2021	
YU ASAKURA		12/13/2021	

HONDA MOTOR CO., LTD.
1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU
ТОКҮО
JAPAN
107-8556
HITACHI ASTEMO, LTD.
2520 TAKABA, HITACHINAKA-SHI
IBARAKI
JAPAN
312-8503

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17624130

CORRESPONDENCE DATA

Fax Number:

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: 5713137556

Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	PARA 1765 SUIT	Paratus.law ATUS LAW GROUP PLLC GREENSBORO STATION PLACE E 320 DNS CORNER, VIRGINIA 22102	
ATTORNEY DOCKET NUMBER:		59-310-0337	
NAME OF SUBMITTER:		HANNAH HAN	
SIGNATURE:		/HANNAH HAN/	
DATE SIGNED:		04/22/2022	
		This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 10	Total Attachments: 10		
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source=2022-04-22_59-310-0337_DecandAssign_#page10.tif			

PTO/ALA/01 (06-12) (MODIFIED)

Attomey Docket No...

Chern Ref. No

Title of Invention	DRIVING UNIT AND VEHICLE
As the below	y named inventor, 1 hereby declare that:
This declarn is directed to	The anti-alized sensitive in the second se
	United States application or PCT international application number PCT/JP2020/025544 filed on June 29, 2020
The above-i	dentified application was made or authorized to be made by me.
I believe tha WHEREAS,	t I am the original inventor or an original joint inventor of a claimed invention in the application. 1) HONDA MOTOR CO., I.TD. 2) HITACHI ASTEMO, LTD.
respectively application c	ami-Aoyama 2-chome, Minato-ku, Tokyo, 107-8556 Japan 2) 2520 Takaba, Hitachinaka-shi, Iharaki 3128503 Japan / (hereinafter referred to as ASSIGNEES), are desirous of jointly acquiring all interest in, to and under said invention, sai lisclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the Unite any and all foreign countries;
of which are legal represe sity and to any sity and all g Convention adheres, and United State	REFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficience hereby acknowledged. I by these presents the hereby assign, sell and transfer unto said ASSIGNEES, their successors, assigns, an intatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and y and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and I sciority rights and/or convention rights under the International Convention for the Protection of Industrial Property. Inter-America Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America to any other benefits accruing or to accrue to me with respect to the filing of applications ior patents or securing of patents in the s and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters d ASSIGNEES, as the assignces of the whole right, title and interest thereto;
heir designe emoneratio	r agree to execute all necessary or desirable and lawful future documents, including assignments in favor of said ASSIGNEES (e(s), as ASSIGNEES or their successors, assigns and legal representatives may from time-to-time present to me and without furth- n, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of th s and countries foreign thereto:
for foreign p	r agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application ments, for filing subdivisions of said application for patent, and or, for obtaining any relasue or reissues of any Letters potent which ted for my aftersaid invention, as said ASSIGNEES thereof shall hereafter require and prepare at their own expense;
application,	x agree that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to satisfied invention and said Latters Patent and legal equivalents in foreign countries as may be known and accessible to me and with the same in any interference or litigation related therein;
	y covenant that no assignment, sale, agreement or encombrance has been or will be made or entered into which would conflict wit ent and sale.
his assignm hereby ack	eni anti sale.
this assignm I hereby ack not more the	ent and sale. nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of m five (5) years, or both

Paratus Law Group, PLLC 1765 Greensboro Station Place, Suite 320 Tysons Corner, VA 22102 Tel. (571) 313-7556 | Fax: (703) 935-8473

PTO/A1A/01 (06-12) (MODIFIED)

Attorney Docket No.:

Client Ref. No.:

Invention	DRIVING UNIT AND VEHICLE
As the below	named inventor, I hereby declare that:
This declarati is directed to:	The contraction of a second seco
	United States application or PCT international application number PCT/JP2020/025544 filed on June 29, 2020
The above-id	entified application was made or authorized to be made by me
	am the original inventor or an original joint inventor of a claimed invention in the application. HOMDA MOTOR CD., LTD. 2) HITACHI ASTEMO, LTD.
T) 1-1, Mina	mi-Aoyama 2-chome, Minata-ku, Tokyo, 107-8556 Japan 2) 2520 Takeba, Hitachinaka-shi, Ibaraki 3128503 Japan
application di	(hereinafter referred to as ASSIGNEES), are destrous of jointly acquiring all interest in, to and under said invention, said sclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United any and all foreign countries;
of which are i legal represer in and to any any and all pr Convention F adheres, and United States	EFORE, in consideration of the sum of One Dollar (\$1.60), and other good and valuable consideration, the recript and sufficiency hereby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEES, their successors, assigns, and tatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to iority rights ind/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American telating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of American to any other benefits accruing or to accrue to me with respect to the filling of applications for patents or securing of patents in the and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters ASSIGNEES, as the assignees of the whole right, title and interest thereio;
their designed remoneration	agree to execute all necessary or desitable and lawful future documents, including assignments in favor of said ASSIONEES m (s), as ASSIGNEES or their successors, assigns and legal representatives may from time-to-time present to me and without further , in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the and countries foreign thereto.
for foreign pa	agree to properly execute and deliver and without further remaneration, such necessary or desirable and lawful papers for application tents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which ed for my aforesaid invention, as said ASSIGNEES thereof shall hereafter require and prepare at their own expense;
application, s	agree that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to said aid invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will
and a second second	se same in any interference or litigation related thereto;
	covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with
And I hereby this assignme I hereby ackr	covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with
And I hereby this assignme I hereby ackr not more that	covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with nt and sale. cowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of

Paratus Law Group, PLLC 1765 Greensbors Station Place, Suite 320 Tysons Corner, VA 22102 Tet: (571) 313-7558 (Fax: (703) 935-8473

PTO/ATA/01 (06-12) (MODIFIED)

Attomey Docket No.:

Client Rof. No.:

invention vs the below named inventor, I hereby declare that: Dris declaration s directed to: Image: the stacked application or PCT international application nomber PCT/JP2020/025544 filed on June 29, 2020 The above-identified application was made or authorized to be made by me believe that I am the original inventor or an original joint inventor of a claimed invention in the application. WiEREAS, 1) FIOHEDA MOTOR CO., 117. 2) BITACH ASTEMO, 100. will BEREAS, 1) FIOHEDA MOTOR CO., 117. 2) BITACH ASTEMO, 100. will a the original inventor or an original joint inventor of a claimed invention in the application. will offices at 1) 1.1, Minami-Aoyama 2 chama, Minate-ku, Tobyo, 107.8556 Japan 2) 2528 Takabs, Hitachinaka-shi, Ibaraki 312803 Japan respectively (Diversinather referred to as ASSIGNEES), are desirous of jointly acquiring all interest in, to and under suid invention, said upheaton discions the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United tates and in any and all foreign countries; ACW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the reacipt and sufficiency of which are hereby acknowledged. I by these presents do hereby assign, sell and transfer min said ASSIGNEES, their successors, assigns, and gait representives, the calify of the and interest in said any term international agreements of which the United States of America dimense, and to any and all Letters Patent of the United States, and countries foreign theretor, and To any other international agreements to w	DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES			
This declaration	Title of Invention	DRIVING UNIT AND VEHICLE		
s directed to: The attached application, or United States application, or PCT international application number PCT/JP2020/025544 filed on June 29, 2020 The above-identified application was made or authorized to be made by me believe that J am the original inventor or an original joint inventor of a claimed invention in the application. WiERRAS, 11 ROBEA MCTOR CO., LTB. 21 BITACHI ASTEMA, LTD. (VIERRAS, 11 ROBEA MCTOR CO., LTB. 21 BITACHI ASTEMA, LTD. (VIERGIAS, 11 ROBEA MCTOR CO., LTB. 21 BITACHI ASTEMA, LTD. (VIERGIAS, 11 ROBEA MCTOR CO., LTB. 21 BITACHI ASTEMA, LTD. (VIERGIAS, 11 ROBEA MCTOR CO., LTB. 21 BITACHI ASTEMA, LTD. (VIERGIAS, 11 ROBEA MCTOR CO., LTB. 21 BITACHI ASTEMA, LTD. (VIERGIAS, 11 ROBEA MCTOR CO., LTB. 21 BITACHI ASTEMA, LTD. (VIERGIARE referred to as ASUSIGNEES), and e chairwood jointly acquiring all interest in, to and under suid invention, said papertively (Inversionater refere to as ASUSIGNEES), and e chairwood jointly acquiring all interest in, to and under suid invention, said papertively (Inversionater refere to as ASUSIGNEES), and other good and valuable consideration, its receipt and sufficiency (with offices at an any and all forcing countries) (WI THEREFORE, in consideration of the sum of One Dollar (\$1,00), and other good and valuable consideration, its receipt and sufficiency (with a difference) acknowledged. If by these presents do harely assign, sell and transfer into said ASSIGNEES, their successors, assigns, and gal representatives, the entire right, title and interest in said invention for the Pretection of Industrial Property, Inter-American Convention Relating to Patents, Dasigns and Industrial Models, and any other international agreements to which the United States and Committee foretor. And I further agree to execute and Industrial Models, and any other international agreements to which the United States and Committee foretor. And I further agree to execute ne to accrute on	As the below n	samed inventor. I hereby declare that:		
The above-identified application was made or authorized to be made by me believe that I am the original inventor or an original joint inventor of a claimed invention in the application. WHEREAS, 1) HORDA MOTOR CO., 17D. 2) BETACHI ASTEMO.17D. (1) 1-1, Minami-Aoyama Zehome, Minde-ku, Tokys, 107-8556 Japan 2) 2520 Takaba, Huachinaka-shi, Ibaraki 3122503 Japan expectively (Breginalter referred to as ASSIGNEES), are destrouts of jointly acquiring all interest in, to and under said invention, and uppleation disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United tates and in any and all foreign conntries; WOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are bereby acknowledged. If by these presents do hereby assign, sell and transfer into said ASSIGNEES, their successors, assigns, and ggal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuitions thereof, and n and to any and all Letters Patent of the United States, and countines foreign thereto, which may be granted for said invention, and up and the any and all cetters Patent of the United States, and counting foreign thereto. Torvention Relating to Patents, Designs and Inducting Models, and any other international agreements to which the United States of America adheress, and to any dust benefits accruing on to accrue to me with respect to the filling of applications for patents to issue said United States Letters batent to asid ASSIGNEES, as the assignces of the whole right, title and interest thereto. And I further agree to execute all necessary or desirable and lawrhil future documents, including assignments in favor of said ASSIGNEES or field designee(5), as ASSIGNEES with the successary and legal representatives may from time-to-time present to me and without further enumeration, moret to prefer lite ito assid	This declaration is directed to:	m The attached application, or		
believe that I are the original inventor or an original joint inventor of a claimed invention in the application. WHEREAS, 1) ROMDA MOTOR CO.LTB. 2) BITACH ASTEMOLUD. , with offices at 1) 1-1. Minimi-Avyana 2, chome, Minate-ku, Tokyo, 107-8556 Japan 2) 2520 Takaba, Hitachinaka-shi, Iboraki 3128303 Japan respectively [Inereinather referred to as ASSIGNEES], are desirous of jointly acquiring all interest in, to and under said invention, and pplication disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United states and in any and all foreign countries; 40W THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. I by these presents do hereby assign, sell and transfer anto said ASSIGNEES, their successors, assigns, and agat representatives, the entire right, title and interest in said invention, said application, function, and in and to m and to any and all letters Patent of the United States, and countries foreign therefor, which may be granted for said invention, and in and to my and all priority rights and/or convention rights under the international Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of Austrica Miness, and to any other benefits accuring or to accure to me with respect to the filing of applications for securing of patents in the Inited States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said ASSIGNEES or heric designee(s), as ASSIGNEES, as the assignees of the whole right, title and interest thereto; And I further agree to execute all decliver and without further renunceration, such nacessary or desirable and lawful papers for applications for foreign patents, for Filing sublivisions of s			xer_PCT/JP2020/025	544
 WHEREAS, <u>1</u>) HONDA MOTOR CO., LTD. <u>2</u>) BITACH ASTEMO, LTD	The above-ider	ntified application was made or authorized to be made by me		
respectively (hereinafter referred to as ASSIGNEE3), are desirous of jointly acquiring all interest in, to and under said invention, and upheation disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United lates and in any and all foreign countries; NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. I by these presents do hereby assign, sell and transfer into said ASSIGNEES, their successors, assigns, and egal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuitions thereof, and n and to any and all Letters Patent of the United States, and countries foreign theratio, which may be granted for said invention, and in and to my and all priority rights and/or convention rights under the international Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America Meres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the Inited States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters altern to said ASSIGNEES, as the assignces of the whole right, title and interest thereto; And I further agree to execute all necessary or desirable and lawfal future documents, including assignments in favor of said ASSIGNEES or heir designee(s), as ASSIGNEES or their successors, assigns, and legal representatives may from time-to-time present to me and without further emunoration, in order to perfect title in said invention, modifications, and ling reversents in said invention, applications and Letters Patent of the United States and countries foreign thereto;	WHEREAS,	1) RONDA MOTOR CO., LTD. 2) BITACHI ASTEMO, LTD.		with offices at
of which are hereby acknowledged, I by these presents do hereby assign, sell and transfer into said ASSIGNEES, their successors, assigns, and agat representatives, the entire right, tilk and interest in said invention, said application, including any divisions and continuitions thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to my and all priority rights and/or convention rights under the international Convention for the Protection of Industrial Property. Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America alheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents to issue said United States Letters batent to said ASSIGNEES, as the assignces of the whole right, title and interest thereto; And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of said ASSIGNEES or heir designce(s), as ASSIGNEES or their successors, assigns and legal representativer may from time-to-time present to use and without further emuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto. And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reussue or reissues of any Letters patent which may he granted for my aforesaid invention, as said ASSIGNEES thereof shall hereafter require and prepare at their own expense: And I further agree that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to said application, said inventi	respectively ((hereinafter referred to as ASSIGNEES), are destrous of jointly acquiring al closing the invention and in, to and under any Letters Patent or similar legal protec	l interest in, to and ur	, ider said invention, said ted therefor in the United
heir designee(s), as ASSIGNEES or their successors, assigns and legal representatives may from time-to-time present to me and without further emuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto; And I further agree to properly excepte and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which may be granted for my aforesaid invention, as said ASSIGNEES thereof shall hereafter require and prepare at their own expense; And I further agree that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will estify as to the same in any interference or litigation related thereto; And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with	of which are he legal represent in and to any a any and all pric Convention Re adheres, and R United States c	ereby acknowledged. I by these presents do hereby assign, sell and transfer into statives, the entire right, title and interest in said invention, said application, includ and all Letters Patent of the United States, and countries foreign thereto, which r tority rights and/or convention rights under the international Convention for the Patening to Patenis, Designs and Industrial Models, and any other international ago a sny other benefits accruing or to accrue to me with respect to the filing of appl and countries foreign thereto, and I hereby authorize and request the Commission	aid ASSIGNEES, their ing any divisions and c nay be granted for said rotection of Industrial I eements to which the I ications for patents or s	successors, assigns, and ontinuations thereof, and invention, and in and to Property, Inter-American Juited States of America securing of patents in the
for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which may be granted for my afteresaid invention, as said ASSIGNEES thereof shall bereafter require and prepare at their own expense: And I further agree that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will estify as to the same in any interference or litigation related thereto; And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with	their designee(remuneration.	And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of said ASSIGNEES or their designee(s), as ASSIGNEES or their successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries forcign thereto;		
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And I hereby covenant that no assignment, sale, agreement or encombrance has been or will be made or entered into which would conflict with bis assignment and sale	application, sa	nd invention and said Letters Patent and legal equivalents in foreign countries a	pertinent facts and de s may be known and a	concerns relating to said accessible to me and will
III. WATER WATER TO A TO	And I hereby c this assignment	covenant that no assignment, sale, agreement or encumbrance has been or will be it and sale.	made or entered into w	hich would conflict with
hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1003 by fine or imprisonment of ast more than five (3) years; or both			ider 18 U.S.C. 1001 by	fine or imprisonment of
Construction of the second secon	******	OF AN INCOMENTATION	× +	
Inventor: Kelichiro KASHIWABARA Date: December 22, 2021	Inventor: Ke	elichiro KASHIWABARA De	se: <u>Vecember</u>	-11,202/
How to be a star	Signature			

Paratus Law Group, PLLC 1755 Greensboro Station Piece, Suite 320 Tysons Corner, VA 22102 Tet: (571) 313-7556 | Fax: (703) 835-8473

PTO/AL&/01 (06-12) (MODIFIED)

Attorney Docket Ma.:

Client Ref. No.:

	CLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN CATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES
Title of Invention	DRIVING UNIT AND VEHICLE
As the below	named inventor, i hereby declare that:
This declarat is directed to:	1 The attraction of a second
	United States application or PCT international application number PCT/JP2020/025544 filed on June 29, 2020
The above-id	entified application was made or authorized to be made by me.
WHEREAS, 1) 1-1, Mina	I am the original inventor or an original joint inventor of a claimed invention in the application.
application di	sclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United any and all foreign countries;
of which are legal represent in and to any any and all po Convention F adheres, and United States	EPORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency hereby acknowledged, 1 by these presents do hereby assign, sell and transfer unto said ASSIGNEES, their successors, assigns, and natives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to riority rights and/or convention rights under the International Convention for the Protection of Industrial Property. Inter-American kelating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America to any other benefits accruing or to accrue to me with respect to the filing of applications for patents to issue said United States Letters and countries foreign therein, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters (ASSIGNEES), as the assignces of the whole right, title and interest thereto;
their designed remuneration	agree to execute all necessary or desirable and lawful future documents, including assignments in favor of said ASSIGNEES or s(s), as ASSIGNEES or their successors, assigns and legal representatives may from time-to-time present to me and without further , in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the , and countries foreign thereto:
for foreign pr	agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application stents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which ed for my aforesaid invention, as said ASSIGNEES thereof shall hereafter require and prepare at their own expense,
application, s	agree that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will be same in any interference or litigation related thereto;
And I hereby this assignme	covenant that no essignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with mt and sale.
	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of 1 five (S) years, or both.
LEGAL NAM	ME OF INVENTOR
inventor. N	orifumi YASUDA Date December 22, 202/
	Norifumi Yasnida

Paratus Law Group, PLLC 1765 Greenstoro Station Place, Suite 320 Tysons Corner, VA 22302 Tel: (571) 313-7556 | Fax: (703) 935-8473

PTO/ALA/91 (06-12) (MODIFIED)

Attorney Dricket No.:

Client Ref. No

itle of avention	DRIVING UNIT AND VEHICLE
	a named inventor, I hereby declare that:
his declara directed to	tion The strached amplication or
	United States application or PCT international application number PCT/JP2020/025544 filed on June 29, 2020
he above-i	dentified application was made or authorized to be made by me.
VHEREAS,	nt I am the original inventor or an original joint inventor of a claimed invention in the application. (
espectively pplication (nami-Aoyama 2-chome, Minato-ku, Tokyo, 107-8556 Japan 2) 2520 Takaba, Hitachinaka-shi, Ibaraki 3128503 Japan y (hereinafter referred to as ASSIGNEES), are desirous of jointly acquiring all interest in, to and under said invention, sa disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the Units a any and all foreign countries;
f which are real represe a and to an ny and all (onvention dheres, and Inited State	REFORE, in consideration of the sum of One Dullar (\$1.00), and other good and valuable consideration, the receipt and sufficient : hereby acknowledged, I by these presents do hereby assign, self and transfer unto said ASSIGNEES, their successors, assigns, ar antatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, ar y and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and priority rights and/or convention rights under the International Convention for the Protection of Industrial Property. Inter-America Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America 1 to any other benefits accruing or to accrus to me with respect to the filling of applications for patents to issue said United States Letter is and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letter id ASSIGNEES, as the assignees of the whole right, title and interest thereto.
icir designa snuneratio	er agree to execute all necessary or desirable and lawful future documents, including assignments in favor of said ASSIGNEES ec(s), as ASSIGNEES or their successors, assigns and legal representatives may from time-to-time present to me and without furth n, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of t as and countries foreign thereto;
ar foreign r	r agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application attents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent whi ited for my aforesaid invention, as said ASSIGNEES thereof shall hereafter require and propare at their own expense.
pplication.	er agree that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to sa said invention and said Letters Patent and legal aquivalents in foreign countries as may be known and accessible to me and w the same in any interference or litigation related thereto;
	y covenant that no assignment, sale, agreement or enclimbrance has been or will be inside or entered into which would conflict wi tent and sale.
	knowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment
nereny ack of more thi	an rive (5) years, or boun
ot more the	an five (5) years, or both. ME OF INVENTOR Manabu YAZAKI Date: フィーレー・ジップ

Paratus Law Group, PLLC 1763 Greensboro Station Place. Suite 320 Tysons Corner: VA 22302 Tel: (571) 313-7556 (Fax: (703) 935-8473

PTO/AIA/01 (06-12) (MODIFIED)

Autoropy Docket No.:

Client Ref. No :

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES		
Title of Invention	DRIVING UNIT AND VEHICLE	
As the below	t named inventor, I hereby declare that:	
This declarat is directed to	The attacked application of	
	United States application or PCT international application number <u>PCT/JP2020/025544</u> filed on June 29, 2020	
The above-id	dentified application was made or authorized to be made by me.	
WHEREAS,	t I am the original inventor or an original joint inventor of a claimed invention in the application. HITACH ASTEMO, UTD. HITACH ASTEMO, UTD. with office 	
respectively application d	ami-Aoyama 2-chome, Minato-ku, Tokyo, 107-8356 Japan 2) 2520 Takaba, Hitachinaka-shi, Ibaraki 3128503 Japan / (hereinafter referred to as ASSIGNEES), are desirous of jointly acquiring all interest in, to and under said invention, hisclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the Or any and all foreign countries;	
of which are legal represent in and to any any and all p Convention J adheres, and United States	CEFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficit hereby acknowledged, 1 by these presents do hereby assign, sell and transfer unto said ASSIGNEES, their successors, assigns, attatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, y and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in an priority rights and/or convention rights under the International Convention for the Protection of Industrial Property. Inter-Amer Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of Amer to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents is a and countries foreign thereto, and I hereby autoorize and request the Commissioner of Patents to issue said United States Le d ASSIGNEES, as the assignces of the whole right, title and interest thereto;	
heir designed emaneration	r agree to execute all necessary or desirable and lawful future documents, including assignments in favor of said ASSIONEE e(s), as ASSIGNEES or their successors, assigns and legal representatives may from time-to-time present to me and without fur n, in order to perfect fille in said invention, modifications, and improvements in said invention, applications and Letters Patent o s and countries foreign thereto;	
for foreign p	r agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application arents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent w ted for my aforesaid invention, as said ASSIGNEES thereof shall bereafter require and prepare at their own expense;	
application, 3	ir agree that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to said invention and said Leners Patent and legal equivalents in foreign countries as may be known and accessible to me and the same in any interference or litigation related thereto;	
And I hereby this assignme	y covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict ent and sale.	
I hereby acki not more that	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonme in five (5) years, or both.	
~~~~~	ME OF INVENTOR	
Inventor: T	Pomoyuki SUZUKI Dane: 16th DEC 21	
	Come princhi Streahi	

Paratus Law Group, PLLC 1765 Greensboro Station Place: Solte 320 Tysons Corner, VA 22109 Tel: (571) 313-7556 ( Fax: (703) 955-8473

PTO/AIA/01 (06-12) (MODIFIED)

Attomey Docket No.:

Client Ref. No.;

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES		
Title of Invention	DRIVING UNIT AND VEHICLE	
As the below	named inventor, I hereby declare that:	
This declarati is directed to:	The attracked employed on a	
	United States application or PCT international application number PCT/IP2020/025544 filed on June 29, 2020	
The above-id	antified application was made or authorized to be made by me.	
WHEREAS,	I am the original inventor or an original joint inventor of a claimed invention in the application.         1) HONDA MOTOR CO., LTD.       2) HITACHI ASTEMO, LTD.	
1) 1-1, Mina	mi-Aoyama 2-chome, Minato-ku, Tokyo, 107-8556 Japan 2) 2520 Takaba, Hitachinaka-shi, Ibaraki 3128503 Japan	
application di	(hereinafter referred to as ASSIGNEES), are desirous of jointly acquiring all interest in, to and under said invention, said sclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United any and all foreign countries;	
of which are h legal represent in and to any any and all pr Convention R adheres, and t United States	EFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency hereby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEES, their successors, assigns, and tatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to iority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American elating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America o any other benefits accruing or to accrue to me with respect to the filing of applications for patents to issue said United States Letters ASSIGNEES, as the assignces of the whole right, title and interest thereto;	
And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of said ASSIGNEES or their designee(s), as ASSIGNEES or their successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;		
And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which may be granted for my aforesaid invention, as said ASSIGNEES thereof shall hereafter require and prepare at their own expense;		
And I further agree that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;		
And I hereby this assignment	covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with it and sale.	
I hereby acknown in the second s	whedge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of five (5) years, or both.	
LEGAL NAM	E OF INVENTOR	
Inventor: Al	cira FUJIWARA Date: December 14, 2021	
Signature:	akira Fujiwara	
******	Paratus Law Group, PLLC	

Paratus Law Group, PLLC 1765 Greensboro Station Place, Suite 320 Tysons Corner, VA 22102 Tet: (S74) 313-7556 | Fax: (703) 935-8473

PTO/ALA/01 (06-12) (MODIFIED)

Attorney Docket No.:

* . Client Ref. No.:

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES			
Title of Invention	DRIVING UNIT AND VEHICLE		
As the below	named inventor, I hereby declare that:		
This declarati is directed to:	The attrached autilization on		
	United States application or PCT international application number PCT/JP2020/025544 filed on June 29, 2020		
The above-id	entified application was made or authorized to be made by me,		
WHEREAS,	1 am the original inventor or an original joint inventor of a claimed invention in the application.         1) HONDA MOTOR CO., LTD.       2) HITACHI ASTEMO, LTD.		
*****************	mi-Aoyama 2-chome, Minato-ku, Tokyo, 107-\$556 Japan 2) 2520 Takaba, Hitachinaka-shi, Ibaraki 3128503 Japan		
application di	(hereinafter referred to as ASSIGNEES), are desirous of jointly acquiring all interest in, to and under said invention, said sclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United any and all foreign countries;		
of which are I legal represen in and to any any and all pr Convention R adheres, and t United States	EFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency pereby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEES, their successors, assigns, and tatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to iority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American elating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America o any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters ASSIGNEES, as the assignees of the whole right, title and interest thereto;		
their designee remuneration,	agree to execute all necessary or desirable and lawful future documents, including assignments in favor of said ASSIGNEES or (s), as ASSIGNEES or their successors, assigns and legal representatives may from time-to-time present to me and without further in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the and countries foreign thereto;		
And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which may be granted for my aforesaid invention, as said ASSIGNEES thereof shall hereafter require and prepare at their own expense;			
application, s	agree that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to said aid invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will a same in any interference or litigation related thereto;		
And I hereby this assignment	covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with of and sale.		
	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of five (5) years, or both.		
LEGAL NAM	E OF INVENTOR		
Inventor: Hi	deaki NOTO Date: December 14, 2021		
Signature:	Hideaki Noto		
	Paratus Law Group, PLLC 1765 Greensborg Station Place, Suite 320		

Tysons Corner, VA 22102 Tel: (571) 313-7556 | Fax: (703) 935-8473

> PATENT REEL: 059680 FRAME: 0653

PTO/AIA/01 (06-12) (MODIFIED)

Attorney Docket No.:

Client Ref. No.:

Invention         As the below named inventor, I hereby declare that:         Chis declaration         is directed to:         Image: Chick Control (Control (Contro)))))))))))))))))))))))))))))))))))		CLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN CATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES
This declaration s directed to:	Title of Invention	DRIVING UNIT AND VEHICLE
s directed to:	As the below	named inventor, I hereby declare that:
filed on       June 29, 2020         The above-identified application was made or authorized to be made by me.         Delives that I am the original inventor or an original joint inventor of a claimed invention in the application.         WIERKAS, 1) HONDA MOTOR CO., LTD. 2) HITACHI ASTEMO, LTD.       , with offices at 1) 1-1, Minami-Aoyama 2-chome, Minaro-ku, Tokyo, 107-8556 Japan 2) 2520 Takabe, Hinchinaka-shi, Ibareki 3128503 Japan         respectively (hereinafter referred to as ASSIGNEES), are desirous of jointly acquiring all interest in, to and under asid invention, asid protection which may be granted therefor in the United States and in any and all foreign countries;         VOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. I by these presents do hereby assign, sell and transfir unito said ASSIGNEESD, subjects on social or an a and to any and all foreign countries;         VOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. I by these presents do hereby assign, sell and transfir unito asid ASSIGNEESD, subject on a and to any and all foreiny convention or rights under the finemational Convention of The said invention, and in and to any and all foreiny convention row acture to me with respect to the filling of applications for accure to me advince the filling of applications for patents to secure to the advince agreements to which the United States Letters Patent of the whole right, tilt and interest thereto;         And I further agree to execute all necessary or desirable and lawfal future documments, including assignments in favor of said	This declarat is directed to	The attached application on
believe that I am the original inventor or an original joint inventor of a claimed invention in the application. MHEREAS, <u>1</u> HONDA MOTOR CO, LTD. <u>2</u> HITACHI ASTEMO, LTD. , with offices at <u>1</u> 1-1, Minami-Aoyama 2-cheme, Minato-ku, Tokyo, 107-8556 Japan. <u>2</u> 2520 Takabe, Hitachinaka-shi, Ibaraki 3128503 Japan respectively (hereinafter referred to as ASSIGNEES), are desirous of jointly acquiring all interest in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United states and in any and all foreign countries; WOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. I by these presents do hereby assign, sell and transfer unto said ASSIGNEES, thir successors, assigns, and an und to any and all Letters Patent of the United States, and ountries foreign thereto, which may be granted for said invention, as in rand to any and all priority rights and the inferret initial invention, and and convention for the Proteotion of the Patents, Designs and Industrial Models, and any other international agreements to which the United States of America convention Relating to Patents, Designs and Industrial Models, and any other international agreements to succe and using of patents, in the recessary or desirable and lawful future documents, including assignments in favor of said ASSIGNEES or their successors, assigns and lawful treestor thereto; And I further agree to execute all necessary or desirable and lawful future documents, including any relissue of male which far hereito in the designed), as ASSIGNEES or their successors and all duptication for patents, for fligs publication and interest in all all without further enumeration, in order to perfect title in said invention, and improvements in said invention, applications and Letters Patent of the Inited States and countries foreign thereto; And I further agree to the property excute and deliver and without further		
WHEREAS, 1) HONDA MOTOR CO, LTD. 2) HTACHI ASTEMO, LTD.       with offices at         1) 1-1, Minami-Aoyama 2-chease, Minar-ku, Tekyo, 107-8556 Japan 2) 2520 Takabe, Hitachinaka-shi, Ibaraki 3128503 Japan         espectively (hereinafter referred to as ASSIGNEES), are desirous of jointly acquiring all interest in, to and under said invention, said splication disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;         WOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, J by these presents do hereby assign, sell and transfer unto said ASSIGNEES, their successors, assigns, and egal representatives, the entire right, title and interest in said invention, said application for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America and outprost rying and all priority rights and right or to accrue to me with respect to the filing of applications for protenty. Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States Letters Valued SSIGNEES, as the assignces of the whole right, title and interest thereto;         And I further agree to execute all necessary or desirable and lawful future documents, including any discloses and Letters Patent of the Jnited States and countries foreign thereto;         And I further agree to properly cuescal and lawful future documents, including any reissue or reissues of any Letters patent of the indiredisfree/perismatives and countries foreign thereto; <td>The above-id</td> <td>entified application was made or authorized to be made by me.</td>	The above-id	entified application was made or authorized to be made by me.
respectively (hereinafter referred to as ASSIGNEES), are desirous of jointly acquiring all interest in, to and under suid invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;  WOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. I by these presents do hereby assign, sell and transfer unto said ASSIGNEES, their successors, assigns, and egal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and n and to any and all priority rights and/or convention rights under the International agreements to which the United States of America dheres, and to any other benefits accurate or to me with respect to the filling of applications for patents or securing of patents in the Jnited States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEES, as the assignces of the whole right, title and interest thereto;  And I further agree to execute all necessary or desirable and lawful future documents, including any reissue or reissues of any cletter setters of their whole right, title request, and entires in sid invention, applications and Letters Patent of the Inited States and countries foreign thereto;  And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for patents in the Inited States and countries foreign thereto;  And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for applications for applications for filling patient which may be granted for my afore spatent which hay be granted for my afore spatent which may b	WHEREAS,	1) HONDA MOTOR CO., LTD. 2) HITACHI ASTEMO, LTD. , with offices at
upplication disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries; NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby asknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEES, their successors, assigns, and egal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and n and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Dosigns and Industrial Models, and any other international agreements to which the United States of America diteres, and to any odt be barefits accuring or to accrue to me with respect to the filling of applications for patents to issue said United States and countries foreign thereto, and 1 hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEES, as the assignces of the whole right, title and interest thereto; And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of said ASSIGNEES or their designee(s), as ASSIGNEES or their successors, assigns and legal representatives may from time-to-time present to me and without further emuneration, such necessary or desirable and lawful future for patents in said invention, applications and Letters Patent of the Inited States and countries foreign thereto; And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application, by reiseue or reissues of any Letters patent which hay be granted for my aforesaid invention, as said ASSIGNEES thereof shall her	1) 1-1, Mina	mi-Aoyama 2-chome, Minato-ku, Tokyo, 107-8556 Japan 2) 2520 Takaba, Hitachinaka-shi, Ibaraki 3128503 Japan
of which are hereby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEES, their successors, assigns, and egal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America dherecs, and to any other benefits accruing of patents in the Inite States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEES, as the assignces of the whole right, title and interest thereto;         And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of said ASSIGNEES or their successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;         And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for free and lawful papers for application for free and any full method. States of any Letters patent which may be granted for my aforesaid invention, as said ASSIGNEES thereof shall hereafter require and prepare at their own expense;         And I further agree to properly execute and deliver and without further	application di	isclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United
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The foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which nay be granted for my aforesaid invention, as said ASSIGNEES thereof shall hereafter require and prepare at their own expense; And I further agree that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will estify as to the same in any interference or litigation related thereto; And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with his assignment and sale. 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. LEGAL NAME OF INVENTOR nventor: Shunsuke ISOGAI Date: December 17, 202/	their designed remuneration	e(s), as ASSIGNEES or their successors, assigns and legal representatives may from time-to-time present to me and without further , in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the
application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will estify as to the same in any interference or litigation related thereto; And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with his assignment and sale. Thereby 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. LEGAL NAME OF INVENTOR nventor: Shunsuke ISOGAI Date: December 17, 2021	for foreign pa	itents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which
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LEGAL NAME OF INVENTOR Inventor: Shunsuke ISOGAI Date: December 17, 2021		
nventor: Shunsuke ISOGAI Date: December 17, 2021		
$\sim 1$ $(2)$ $(2)$	LEGAL NAM	AE OF INVENTOR
$\nabla I = I = 0$	inventor: SI	hunsuke ISOGAI Date: December (7, 202)
signature: <u>Phunsuke KsoqQU</u>	Signature:	Shunsuke Rogai

Paratus Law Group, PLLC 1765 Greensboro Station Place. Suite 320 Tysons Corner, VA 22102 Tel: (571) 313-7556 | Fax: (703) 935-8473

PTO/ALA/01 (06-12) (MODIFIED)

Attorney Docket No.:

Client Ref. No.:

Title of	DRIVING UNIT AND VEHICLE
Invention	
As the below	named inventor, I hereby declare that:
This declarat is directed to	The attacked application on
	United States application or PCT international application number PCT/JP2020/025544
	filed on June 29, 2020
The above-id	entified application was made or authorized to be made by mc.
WHEREAS,	I am the original inventor or an original joint inventor of a claimed invention in the application.         1) HONDA MOTOR CO., LTD.       2) HITACHI ASTEMO, LTD.
	mi-Aoyama 2-chome, Minato-ku, Tokyo, 107-8556 Japan 2) 2520 Takaba, Hitachinaka-shi, Ibaraki 3128503 Japan
application di	(hereinafter referred to as ASSIGNEES), are desirous of jointly acquiring all interest in, to and under said invention, said sclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United any and all foreign countries;
of which are legal represer in and to any any and all pi Convention F adheres, and United States	EFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency hereby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEES, their successors, assigns, and thatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to interest in said invention. Convention for the Protection of Industrial Property, Inter-American teleating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America to any other benefits accruing or to accrue to me with respect to the filing of applications for patents to issue said United States Letters and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters ASSIGNEES, as the assignees of the whole right, title and interest thereto;
their designee remuneration	agree to execute all necessary or desirable and lawful future documents, including assignments in favor of said ASSIGNEES or (s), as ASSIGNEES or their successors, assigns and legal representatives may from time-to-time present to me and without further in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the and countries foreign thereto;
for foreign pa	agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application tents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which of for my aforesaid invention, as said ASSIGNEES thereof shall hereafter require and prepare at their own expense;
application, s	agree that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to said aid invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will be same in any interference or litigation related thereto;
And I hereby his assignme	covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with nt and sale.
hereby ackn not more than	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of five (5) years, or both.
LEGAL NAM	1E OF INVENTOR
aventor: Y	Date: 13 / 12 / 2021

Paratus Law Group, PLLC 1765 Greensboro Station Place, Suite 320 Tysons Comer, VA 22102 Tet: (571) 313-7556 | Fax: (703) 935-8473

**RECORDED: 04/22/2022**