PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7311462

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MAYUMI TAKAZAWA	03/25/2022
KAZUAKI HAGA	03/25/2022
TOSHIMITSU TAKAHASHI	03/25/2022
TAKUYA NOMURA	03/25/2022
SHINYA SANO	03/27/2022
YASUHIDE YAGYU	03/25/2022
TAKESHI TOMONAGA	03/29/2022
HISANORI KOMA	03/25/2022
KEIU KANADA	03/17/2022

RECEIVING PARTY DATA

Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA
Street Address:	1, TOYOTA-CHO
City:	TOYOTA-SHI, AICHI-KEN
State/Country:	JAPAN
Postal Code:	471-8571

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17661831

CORRESPONDENCE DATA

Fax Number: (844)670-6009

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: 202-457-0160

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Address Line 2: SUITE 900

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	73268-789
NAME OF SUBMITTER:	CHRISTIAN C. MICHEL

SIGNATURE:	/Christian C. Michel/
DATE SIGNED:	05/03/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 6	•
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Attorney Docket No.: Client Ref.: TSN2020111145US00

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

Title of Invention	MOTOR
As the below	named inventor, I hereby declare that:
This declarati	on
	United States application or PCT international application number filed on
The above-id	entified 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 have review	ed and understand the contents of the application for which this assignment with declaration is being submitted.
I am aware of	the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.
	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.
WHEREAS,	TOYOTA JIDOSHA KABUSHIKI KAISHA , with offices at
1, Toyo	ota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan
(hereinafter r	eferred to as ASSIGNEE) is desirous of acquiring all interest in to and under said invention, said application disclosing the

(hereinafter referred to as ASSIGNEE), is desirous of acquiring all interest in, to and under said 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;

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 unto said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations 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 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 adheres, 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 United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEE, as the assignee 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 ASSIGNEE or its designee, as ASSIGNEE or its 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 renewal or reissues of any Letters Patent which may be granted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its 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 covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

NAME OF SOLE OR FIRST INVENT	OR:					
Given Name	Mayumi		TAKAZAWA			
(first and middle [if any])	Mayumi	Family Name or Surname	IAKAZAWA			
Inventor's signature	/Mayumi (Takanawa/ Date	March25,2022			
Residence: Okazaki-shi, Aic	hi-ken, Japan					
c/o TOYOTA	A JIDOSHA KABUSHI	KI KAISHA				
Mailing Address: 1, Toyota-cho	o, Toyota-shi, Aichi-ke	n, 471-8571 Japan				
NAME OF SECOND INVENTOR:						
Given Name (first and middle [if any])	Kazuaki	Family Name or Surname	HAGA			
Inventor's signature	/kaguaki fa	Date	March 25, 2022			
Residence: Toyota-shi, Aich	i-ken, Japan					
c/o TOYOTA	JIDOSHA KABUSHI	KI KAISHA				
Mailing Address: 1, Toyota-cho	o, Toyota-shi, Aichi-ke	n, 471-8571 Japan				
NAME OF THIRD INVENTOR:						
Given Name (first and middle [if any])	Toshimitsu	Family Name or Surname	TAKAHASHI			
Inventor's signature	Moshimi	ton Takahashi/	March 25,2022			
Residence: Toyota-shi, Aich	i-ken, Japan					
	ЛООSHA KABUSHI	KI KAISHA				
Mailing Address: 1, Toyota-cho	o, Toyota-shi, Aichi-ke	n, 471-8571 Japan				
NAME OF FOURTH INVENTOR:						
Given Name (first and middle [if any])	Takuya	Family Name or Surname	NOMURA			
Inventor's signature	/Takuya No	mus/	March 25,2022			
Residence: Kasugai-shi, Aic	hi-ken, Japan	,				
	A JIDOSHA KABUSHI	KI KAISHA				
	o, Toyota-shi, Aichi-ke					
NAME OF FIFTH INVENTOR:						
Given Name	CI.		CANO			
(first and middle [if any])	Shinya	Family Name or Surname	SANO			
Inventor's signature	/Shinya S	Date	March 27,2022			
Residence: Toyota-shi, Aichi-ken, Japan						
	A JIDOSHA KABUSHI					
Mailing Address: 1, Toyota-cho	o, Toyota-shi, Aichi-ke	n, 471-8571 Japan				

NAME OF SIXTH INVENTOR:				
Given Name	3 7 1 1		N/A CONTI	
(first and middle [if any])	Yasuhide	Family Name or Surnan	ne YAGYU	
Inventor's signature	Neonhide	Yazzul	March 25 Date	.2022
Nogolauto ghi	Aichi-ken, Japan			
	TA JIDOSHA KABUSH	IKI KAISHA		
	cho, Toyota-shi, Aichi-ke		1	
NAME OF SEVENTH INVENTOR	<u> </u>	ii, iii oo ii tapar		
Given Name	XI.			
(first and middle [if any])	Takeshi	Family Name or Surnan	ne TOMON.	AGA
Inventor's signature	Makashi To	omonaga/	March 29	,2022
NT' 1' 1' A	' 1 ' 1 T			
	ichi-ken, Japan	IIZI IZ A IOLI A		
	TA JIDOSHA KABUSHI			
	cho, Toyota-shi, Aichi-ke	11, 4/1-05/1 Japan	1	
NAME OF EIGHTH INVENTOR:				
Given Name (first and middle [if any])	Hisanori	Family Name or Surnan	ne KOMA	
Inventor's signature	/Hisanori K	oms/	Date March 25,2	022
Residence: Miyoshi-shi, A	Aichi-ken, Japan			
	ТА ЛDOSHA KABUSH	IKI KAISHA		
	cho, Toyota-shi, Aichi-ke		1	
NAME OF NINTH INVENTOR:	ono, rojou sin, ritem ke	11, 171 0571 vapar		
Given Name				
(first and middle [if any])	Keiu	Family Name or Surnan	ne KANADA	4
Inventor's signature			Date	
Miyoshi_shi A	Aichi-ken, Japan			
	TA JIDOSHA KABUSH	IKI KAISHA		
1 7	cho, Toyota-shi, Aichi-ke		1	
Mailing Address: 1, Toyota-o	mo, royour-siii, Aiciii-Re	п, титоэн зараг	1	

Atterncy Docket No.: Client Ref.: TSN202011145US00

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

		***************************************		·····	······	***************************************	
Title of	* * COMPON						
Invention	MOTOR						
		ud Sananna nas san ann ann ann ann an -					
As the below	named inventor,	I hereby declare that:	88 - BB	8	#	2.6 20 20	- A
This declarati	181	The attached application,	or				
		United States application	or PCT international:	application numbe			
**		filed on		4			
The above-ide	entified application	on was made or authorized	to be made by me.				
I believe that	f am the original	inventor or an original join	t inventor of a claim	ed invention in the	application.		
I have review	ed and understan	d the contents of the applica	ation for which this a	ssignment with de	claration is being s	ubmitted.	
I am aware of	the duty to discl	ose to the Office all inform	ation known to me to	be material to pa	entability as define	ed in 37 CFR 1	.56.
	owledge that any five (5) years, or	willful false statement ma both.	de in this declaration	i is punishable un	der 18 U.S.C. 1001	by fine or im	prisonment of
	TOTION!	maaan ma				.900	
	************************	A JIDOSHA KAB yota-shi, Aichi-ke	*********	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			with offices at
(hereinafter o	eferred to as AS in, to and under	SIGNEE), is desirous of a any Letters Patent or simil	equiring all interest	in, to and under	said invention, sai ed therefor in the l	d application of United States a	disclosing the nd in any and
of which are is representative to any and all all priority ri Convention 8 adheres, and to United States	sereby acknowled is, the entire right Letters Patent of ghts and/or con- clating to Patenti o any other bene- and countries for	leration of the sum of One ged, I by these presents do , title and interest in said in the United States, and couvention rights under the I s, Designs and Industrial M fits accruing or to accrue to reign thereto, and I hereby he assignee of the whole right.	hereby assign, sell ar vention, said applicated atries foreign thereto atemational Conver- todels, and any other o me with respect to authorize and reques	d transfer unto sai ion, including any i, which may be g ition for the Prot international ago the filing of appli t the Commission	d ASSIGNEE, its sold divisions and contracted for said invocation of Industripments to which to cations for patents	accessors, assi- inuations there- ention, and in a al Property. In the United State or securing of	igns, and legal sof, and in and and to any and ster-American es of America patents in the
designee, as remuneration,	ASSIGNEE or i	e all necessary or desirable its successors, assigns and at title in said invention, mo- eign thereto;	l legal representativ	es may from tin	ie-to-time present	to me and w	ithout further
for foreign pa	tents, for filing su	execute and deliver and with abdivisions of said application in the said ASSIC	on for patent, and or,	for obtaining any	renewal or reissue:	s of any Letters	
4							

And I further agree that ASSIGNEE will, upon its 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

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with

testify as to the same in any interference or litigation related thereto;

this assignment and sale

NAME OF SOLE OR FIRST INVEN	TOR:		
Given Name	**************************************		720 A 76 F A 7727 A 7827 A
(first and middle [if any])	Mayumi	Family Name or Sumame	TAKAZAWA
Inventor's signature		Date	*
Residence: Okazaki-shi, Aid		:	
	A JIDOSHA KABUSI		
Mailing Address: 1, Toyota-ch	o, Toyota-shi, Aichi-k	en, 471-8571 Japan	
NAME OF SECOND INVENTOR:			
Given Name (first and middle [if any])	Kazuaki	Family Name or Surname	HAGA
Inventor's signature		Date	* : :
Residence: Toyota-shi, Aicl	ni-ken, Japan		
***************************************	A JIDOSHA KABUSI	IIKI KAISHA	
Mailing Address: 1, Toyota-ch	o, Toyota-shi, Aichi-k	en, 471-8571 Japan	
NAME OF THIRD INVENTOR:			
Given Name (first and middle [if any])	Toshimitsu	Family Name or Surname	TAKAHASHI
Inventor's signature		Date	3
77	1 1 T		
Residence: Toyota-shi, Aich	***************************************	IIIZI IZ A ICITTA	
	A JIDOSHA KABUSI		
	o, Toyota-shi, Aichi-k	en, 471-0371 Japan	
NAME OF FOURTH INVENTOR:			
Given Name (first and middle [if any])	Takuya	Family Name or Sumame	NOMURA
Inventor's signature		Date	¥ × × × × × × × × × × × × × × × × × × ×
Residence: Kasugai-shi, Aid			12 12 12 12 12 12 12 12 12 12 12 12 12 1
	A JIDOSHA KABUSH		
Mailing Address: 1, Toyota-ch	o, Toyota-shi, Aichi-k	en, 471-8571 Japan	-
NAME OF FIFTH INVENTOR:		**************************************	
Given Name (first and middle [if any])	Shinya	Family Name or Sumame	SANO
Inventor's signature		Date	<u> </u>
97,au alui 46321	il Iran Tanas		
Residence: Toyota-shi, Aich	ıı-ken, Japan A JIDOSHA KABUSI	IIVI VAICUA	
	o, Toyota-shi, Aichi-k	And a second control of the second control o	
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NAME OF SIXTH INVENTO	R:	46 				
Given Name (first and middle [if any])	Yasuhide		Family Name or Suma		YAGYU	
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Inventor's signature	3 2	SS Markatalanananan		Date	***************************************	
Residence: Nagakute-s	hi, Aichi-ken, Japan	n				00
	YOTA JIDOSHA K ta-cho, Toyota-shi,			n.		
NAME OF SEVENTH INVEN	TOR:		**************************************			
Given Name (first and middle [if any])	Takeshi		Family Name or Surna	me	TOMONA	GA
inventor's signature		5: 888888888 88888888	3	Date		21 55
Residence: Nisshin-shi	, Aichi-ken, Japan		***************************************			
***************************************	YOTA JIDOSHA K	ABUSHI	KI KAISHA			
Mailing Address: 1, Toyo	ta-cho, Toyota-shi,	Aichi-ker	n. 471-8571 Japan	n		
NAME OF EIGHTH INVENT		•••••				
Given Name (first and middle [if any])	Hisanori		Family Name or Surna	me	KOMA	
Inventor's signature				Date		
Residence: Miyoshi-sh	i, Aichi-ken, Japan		A 95		#	* * * # # #
S 5 55	YOTA JIDOSHA K ta-cho, Toyota-shi,			n .		
NAME OF NINTH INVENTO	R:	•••••	8			
Given Name (first and middle [if any])	Keiu		Family Name or Surna	me	KANADA	2005 2005 2005
Inventor's signature	Keiu Kar	rada		Date	March	17,2022
Residence: Miyoshi-sh	i, Aichi-ken, Japan	S. 33 S				
	YOTA JIDOSHA K ta-cho, Toyota-shi,			n		* *

RECORDED: 05/03/2022