PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8158066

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WATARU YAMAZAKI	08/29/2023
FUMIO MINAMI	08/28/2023
TAKASHI SUZUKI	08/29/2023
SHOGO SAKURAI	08/30/2023

RECEIVING PARTY DATA

Name:	HONDA MOTOR CO., LTD.
Street Address:	1-1, MINAMI-AOYAMA 2-CHOME
Internal Address:	MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	107-8556

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18549709

CORRESPONDENCE DATA

Fax Number: (216)566-9711

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: 2165669700

Email: almasy@rankinhill.com

Correspondent Name: RANKIN HILL & CLARK LLP

Address Line 1: 38210 GLENN AVENUE

Address Line 4: WILLOUGHBY, OHIO 44094-7808

ATTORNEY DOCKET NUMBER:	KSH-54985
NAME OF SUBMITTER:	DAVID E. SPAW
SIGNATURE:	/David E. Spaw/
DATE SIGNED:	09/08/2023
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 8

PATENT REEL: 064850 FRAME: 0816

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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: INTERNAL COMBUSTION ENGINE

As the below named i	nventor, I hereby	declare that:	
This declaration is di			
		ernational application number March 12, 2021	PCT/JP2021/010180
I believe that I am the application.	original inventor	ade or authorized to be made b or an original joint inventor of a ereinafter referred to as "ASSIG	claimed invention in the
business at: <u>1-1, Mina</u>	mi-Aoyama 2-cho	me, Minato-ku, Tokyo, 107-855	6 Japan, is desirous of
acquiring the entire ri	ght, title and inter	est in and to said invention and	in and to any Letters Patent
that may be granted t	herefore in the Ur	nited States and its territorial po	ssessions and in any and all
foreign countries;			

NOW, THEREFORE, for good, valuable, and adequate consideration, the receipt and sufficiency of which are hereby acknowledged, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all patent applications, patent rights, Letters Patent, and inventor's certificates which may be granted therefor in the United States and its territorial possessions and in any country in the world and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof, and including without limitation the right to sue for past infringement thereunder.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

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.

/Inventor's	Signature/	Printed Name in English	<u>Date</u>
1. /Wataru	Yamazaki/ V	Vataru YAMAZAKI_Aug 29,	2023
2./	/ Fumio	MINAMI	
3./	/ Takasi	ni SUZUKI	
4. /	/ Shogo	SAKURAI	

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: INTERNAL COMBUSTION ENGINE

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/JP2021/010180 filed on March 12, 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. WHEREAS, HONDA MOTOR CO., LTD. (hereinafter referred to as "ASSIGNEE") having a place of	
business at: 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, 107-8556 Japan, is desirous of	
acquiring the entire right, title and interest in and to said invention and in and to any Letters Pat	ent
that may be granted therefore in the United States and its territorial possessions and in any and	all
foreign countries;	

NOW, THEREFORE, for good, valuable, and adequate consideration, the receipt and sufficiency of which are hereby acknowledged, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all patent applications, patent rights, Letters Patent, and inventor's certificates which may be granted therefor in the United States and its territorial possessions and in any country in the world and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof, and including without limitation the right to sue for past infringement thereunder.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

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.

/Inventor's Sig	gnature/	Printed Name in English	<u>Date</u>
1./	/ Watar	ru YAMAZAKI	
2. / Fumio Mir	nami/ Fur	nio MINAMI _Aug 28,2023	
3. /	/ Takas	hi suzuki	
4. /	/ Shogo	SAKURAI	

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: INTERNAL COMBUSTION ENGINE

As the below name This declaration is The attached a	directed to:	y declare that:	
■United States a	pplication or PCT in filed on	nternational application number March 12, 2021	PCT/JP2021/010180
I believe that I am I application.	the original invento	made or authorized to be made bor or an original joint inventor of a (hereinafter referred to as "ASSIC	a claimed invention in the
business at: 1-1, M	inami-Aoyama 2-cl	home, Minato-ku, Tokyo, 107-855	i <u>6 Japan</u> , is desirous of
acquiring the entire	e right, title and int	terest in and to said invention and	l in and to any Letters Patent
that may be grante	d therefore in the	United States and its territorial po	ossessions and in any and all
foreign countries;			

NOW, THEREFORE, for good, valuable, and adequate consideration, the receipt and sufficiency of which are hereby acknowledged, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all patent applications, patent rights, Letters Patent, and inventor's certificates which may be granted therefor in the United States and its territorial possessions and in any country in the world and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof, and including without limitation the right to sue for past infringement thereunder.

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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.

/Inventor's Sig	gnature/	Printed Name in English	<u>Date</u>
1./	/ Watar	u YAMAZAKI	
2. /	/ Fumio	MINAMI	
3. / Takashi 5u	ızuki / Tal	kashi SUZUKI _Aug 29,2023	<u></u>
4. /	/ Shogo	SAKURAI	

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

As the below named inventor, I hereby declare that:
This declaration is directed to:

The attached application, or

■United States application or I	PCT international application number	PCT/JP2021/010180
filed on	March 12, 2021	

The above-identified application was made or authorized to be made by me.

Title of Invention: Internal combustion engine

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS, HONDA MOTOR CO., LTD. (hereinafter referred to as "ASSIGNEE") having a place of

business at: 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, 107-8556 Japan, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all

foreign countries;

NOW, THEREFORE, for good, valuable, and adequate consideration, the receipt and sufficiency of which are hereby acknowledged, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all patent applications, patent rights, Letters Patent, and inventor's certificates which may be granted therefor in the United States and its territorial possessions and in any country in the world and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof, and including without limitation the right to sue for past infringement thereunder.

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/Inventor's Sig	nature/ Printed Name in English	<u>Date</u>
1./	/ Wataru YAMAZAKI	
2./	/ Furnio MINAMI	
3. /	/ Takashi SUZUKI	
4. / Shogo Sak	urai / Shogo SAKURAI Aug 30, 2023	

RECORDED: 09/08/2023