505480663 05/16/2019

#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5527467

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MASANARI SUEOKA	04/24/2019
ATSUSHI INOUE	04/24/2019
KEIJI MARUYAMA	04/24/2019
TAKUYA OHURA	04/24/2019
TOMOHIRO NISHIDA	04/25/2019
YUSUKE KAWAI	04/24/2019
TETSUYA CHIKADA	04/24/2019
TATSUHIRO TOKUNAGA	04/25/2019

#### **RECEIVING PARTY DATA**

Name:	MAZDA MOTOR CORPORATION
Street Address:	3-1, SHINCHI, FUCHU-CHO
City:	AKI-GUN, HIROSHIMA
State/Country:	JAPAN
Postal Code:	730-8670

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16414508

#### **CORRESPONDENCE DATA**

**Fax Number:** (503)595-7301

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.

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Email: ngo@allemanhall.com

Correspondent Name: ALLEMAN HALL CREASMAN & TUTTLE LLP

Address Line 1: 900 SW 5TH AVENUE

Address Line 2: SUITE 2300

Address Line 4: PORTLAND, OREGON 97204

ATTORNEY DOCKET NUMBER:	MZD193009
NAME OF SUBMITTER:	MINH NGO
SIGNATURE:	/Minh Ngo/

DATE SIGNED:	05/16/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).
otal Attachments: 8	
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Title of Invention:	CONTROL SYSTEM OF COMPRESSION-IGNITION ENGINE
As the below name	d inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	United States application or PCT international application numberfiled on;
The above-identifie	d application was made or authorized to be made by me.
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.
i	rneys and agents associated with Customer Number 145327 to insert the filing date, application number, It number of the above identified application when known.
i	lge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by nt of not more than five (5) years, or both.
3-1, Shinchi, Fuchu- NOW, THEREFOR have sold, assigned right to the above- the entire right, titl and its territorial po and extensions their	a Motor Corporation, ("ASSIGNEE"), a Japanese corporation, having its principal place of business at cho, Aki-gun, Hiroshima 730-8670, Japan, is desirous of acquiring an interest therein; i, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I and transferred, and by these presents do sell, assign, and transfer unto ASSIGNEE, the full and exclusive identified invention in the United States and its territorial possessions and in all foreign countries, and e and interest in and to any and all Letters Patent which may be granted therefor in the United States assessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations reof.  The and request the Patent Office officials in the United States and any and all foreign countries to issue Letters Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and
to the same, for the Further, I agree invention, and testi and reissue applica ASSIGNEE, make all	e sole use of the ASSIGNEE, its successors and assigns.  that! will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said fy in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal tions, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, to obtain protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF IN	VENTOR
Inventor:	Masanari Sueoka Date: April 29, 2019
Signature:	mi Suka
<u> </u>	ATTY DOCKET NO - M7D192009

Title of	CONTROL SYSTEM OF COMPRESSION-IGNITION ENGINE	
Invention:		
As the below named	inventor, i hereby declare that:	
This declaration is directed to:	The attached application, or	
	United States application or PCT international application numberfiled on	
The above-identified	d application was made or authorized to be made by me.	
I believe that I am ti	ne original inventor or an original joint inventor of a claimed invention in the application.	
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LEGAL NAME OF IN	/ENYMQ	
PERMENAMENT OF IN	· · · · · · · · · · · · · · · · · · ·	
Inventór:	Atsushi Inque Date: April 24. 200	
Signature:	shi choos	
	ATTM DOCKET NO. AKTRO2000	

	***************************************
Title of Invention:	CONTROL SYSTEM OF COMPRESSION-IGNITION ENGINE
As the below name	d inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
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The above-identific	ed application was made or authorized to be made by me.
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Further, I agree invention, and testi and reissue applica ASSIGNEE, make ali	that I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said fy in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal tions, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, to obtain protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF IN	VENTOR
Inventor:	Kejji Maruvama Date: Agril LV, 2019
Signature: <u>Key</u>	i Monyama
	ATTY DOCKET NO.: MZD193009

Invention:	CONTROL SYSTEM OF COMPRESSION-IGNITION ENGINE
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I hereby authoriz any and all of said L	e and request the Patent Office officials in the United States and any and all foreign countries to issue etters Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and
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	protection for said invention in the United States and in any and all foreign countries.
arta diriorda proper	protection for said in shoot in the strikes states and it stry and an foreign countries.
LEGAL NAME OF IN	VENTOR
	Takuya Ohura Date: April 24, 2019
Signature:	bugg Opma
***************************************	ATTY DOCKET NO.: MZD193009

Title of Invention:	CONTROL SYSTEM OF COMPRESSION-IGNITION ENGINE
As the below name	d Inventor, I hereby declare that:
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LEGAL NAME OF IN	·
Inventor: <u>To</u>	omohiro Nishida Date: April , 25-2019
Signature: Tomo	hiro hishida
<b>L</b>	ATTY DOCKET NO.: MZD193009

Title of Invention:	CONTROL SYSTEM OF COMPRESSION-IGNITION ENGINE
	i inventor, i hereby declare that:
Na the Brief Human	a interpretation of security s
This declaration is directed to:	The attached application, or
	United States application or PCT international application numberfiled
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	,
The above-identified	d application was made or authorized to be made by me.
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Lauthorize the attor	neys and agents associated with Customer Number 145327 to insert the filing date, application number,
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and occorracy assume	themselve and open contained appropriate months
I hereby acknowled	ge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by
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ŕ	
WHEREAS, Mazda	Motor Corporation, ("ASSIGNEE"), a Japanese corporation, having its principal place of business at
	cho, Aki-gun, Hiroshima 730-8670, Japan, is desirous of acquiring an interest therein;
NOW, THEREFOR	, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I
have sold, assigned,	and transferred, and by these presents do sell, assign, and transfer unto ASSIGNEE, the full and exclusive $\frac{1}{2}$
right to the above-i	dentified invention in the United States and its territorial possessions and in all foreign countries, and
the entire right, title	e and interest in and to any and all Letters Patent which may be granted therefor in the United States
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and extensions ther	eof.
I hereby authoriz	e and request the Patent Office officials in the United States and any and all foreign countries to issue
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and enforce proper	protection for said invention in the United States and in any and all foreign countries.
LEGAL BLARAF OF IAR	FAITAD
LEGAL NAME OF IN	k.
Inventor:	Yusuke Kawai Date: April =4, 2019
1.	L. 2- 1
Signature:	wke Towai
-	ATTY DOCKET NO - 847D1930D9

Title of Invention:	CONTROL SYSTEM OF COMPRESSION-IGNITION ENGINE	
As the below name	d inventor, I hereby declare that:	
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,	on ;	
	G11	
The above-identified application was made or authorized to be made by me.		
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.		
I authorize the attorneys and agents associated with Customer Number 145327 to insert the filing date, application number, and attorney docket number of the above identified application when known.		
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LEGAL NAME OF IN	t e e e e e e e e e e e e e e e e e e e	
	Tetsuya Chikada Date: April. 24. 2019	
Signature: <u>Tetruya Chikada</u>		
	ATTY DOCKET NO.: MZD193009	

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LEGAL NAME OF IN		
Inventor: Ti	atsuhiro Tokunaga Date: April 25, 249	
Signature: Tatanhin Thunga		
V	ATTY DOCKET NO.: M7D193009	

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PATENT REEL: 049203 FRAME: 0674

**RECORDED: 05/16/2019**