#### 505478464 05/15/2019

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5525268

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ATSUSHI INOUE	04/24/2019
MASANARI SUEOKA	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:	16413386

#### **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.

**Phone:** 503-595-7300

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:	MZD193007
NAME OF SUBMITTER:	MINH NGO
SIGNATURE:	/Minh Ngo/

DATE SIGNED:	05/15/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 8	·
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Title of	CONTROL SYSTEM FOR 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.
	neys and agents associated with Customer Number 145327 to insert the filing date, application number, thumber of the above identified application when known.
•	ge 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.
WHEREAS, Mazda Motor Corporation, ("ASSIGNEE"), a Japanese corporation, having its principal place of business at 3-1, Shinchi, Fuchu-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 right to the above-identified invention in the United States and its territorial possessions and in all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and extensions thereof.  I hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and to the same, for the sole use of the ASSIGNEE, its successors and assigns.  Further, I agree that I will communicate to 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, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to ASSIGNEE, make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.	
LEGAL NAME OF IN	VENTOR
Inventor:	Atsushi Inque Date: April 24,2019
Signature: // III	
	ATTY DOCKET NO.: MZD193007

F***	VANAMA
Title of Invention:	CONTROL SYSTEM FOR 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-identifie	d application was made or authorized to be made by me.
I believe that I am t	ne original inventor or an original joint inventor of a claimed invention in the application.
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1	ge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by at of not more than five (5) years, or both.
3-1, Shinchi, Fuchu- NOW, THEREFOR, have sold, assigned, right to the above-i the entire right, title and its territorial po- and extensions ther I hereby authorize any and all of said Le to the same, for the Further, I agree to invention, and testiff and reissue applicat ASSIGNEE, make all	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; 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 dentified invention in the United States and its territorial possessions and in all foreign countries, and 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 eof.  The and request the Patent Office officials in the United States and any and all foreign countries to issue atters Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and sole use of the ASSIGNEE, its successors and assigns.  That I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said y in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal ions, 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 24, 2019
Signature:	- Suelsa
	ATTV DOCKET NO - NATD193007

inte or	CONTROL SYSTEM FOR COMPRESSION-IGNITION ENGINE
Invention:	
As the below named	Inventor, I hereby declare that:
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LEGAL NAME OF IN	/ENTOR .
Inventor: K	eiji Maruymama Date: April 24, 20/9
Signature: /۷	eiji Marayona
	ATTY DOCKFT NO.: M7D193007

Invention:	CONTROL SYSTEM FOR COMPRESSION-IGNITION ENGINE
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This declaration is directed to:	The attached application, or
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	and transferred, and by these presents do sell, assign, and transfer unto ASSIGNEE, the full and exclusive
	dentified invention in the United States and its territorial possessions and in all foreign countries, and
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	sole use of the ASSIGNEE, its successors and assigns.
	that I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal
	ions, 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
and enforce proper	protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF IN	/ENTOR
Inventor:	Takuya Ohura Date: April 24.2019
Signature: Tabu	ya Ohura
**************************************	ATTY DOCKET NO - M7D193007

ı		
	Title of Invention:	CONTROL SYSTEM FOR COMPRESSION-IGNITION ENGINE
-	As the below named	Inventor, I hereby declare that:
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	Further, I agree that I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting sald invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to ASSIGNEE, make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.	
Channes.	LEGAL NAME OF INV	/ENTOR
	Inventor: <u>To</u>	mohiro Nishida Date: April .25-2019
	Signature: <u>Fomo</u>	hiro Nishida
		ATTY DOCKET NO - \$470102007

Title of

Invention:	COMTROE 2421 FINE FOR COMPRESSION-IGNITION FINGING
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 number
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.
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and enforce proper	protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF IN	VENTOR
Inventor:	Yusuke Kawai Date: Apri/. 24. 249
Signature: <u></u> \fa	inke Kamai
	A TYTE CONTRACTOR BASES A A STORM A CONTRACTOR

Title of	
Invention:	CONTROL SYSTEM FOR COMPRESSION-IGNITION ENGINE
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invention, and testif and reissue applicat ASSIGNEE, make all	y in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal lons, 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	
Inventor:T	etsuva Chikada Date: April. 24. 2014
Signature: <u>Lets</u>	uya Chikada
***************************************	ATTY DOCKET NO - 8470102007

Title of Invention:	CONTROL SYSTEM FOR COMPRESSION-IGNITION ENGINE	
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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 INV	/ENTOR	
Inventor: Tat	suhiro Tokunaga Date: April 25,2019	
Signature: Totankin Tofornego		
	ATTY DOCKET NO - M7D192007	

PATENT REEL: 049189 FRAME: 0010

**RECORDED: 05/15/2019**