505475800 05/14/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5522604

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:	16411962

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:	MZD193006
NAME OF SUBMITTER:	MINH NGO
SIGNATURE:	/Minh Ngo/

PATENT 505475800 REEL: 049176 FRAME: 0128

DATE SIGNED:	05/14/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 8	
source=DecAssign_MZD193006#page1	.tif
source=DecAssign_MZD193006#page2	2.tif
source=DecAssign_MZD193006#page3	3.tif
source=DecAssign_MZD193006#page4.tif	
source=DecAssign_MZD193006#page5.tif	
source=DecAssign_MZD193006#page6	S.tif
source=DecAssign_MZD193006#page7.tif	
source=DecAssign_MZD193006#page8	3.tif

Title of	CONTROL SYSTEM FOR COMPRESSION-IGNITION ENGINE
invention:	
As the below named	I 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	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, t number 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 at 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	/ENTOR
Inventor:	Atsushi Inoue Date: April 24, 2019
Signature: <u>Otsu</u>	shi drone
	ATTY DOCKET NO - M7D193006

		A
Title of Invention:	CONTROL SYSTEM FOR COMPRESSION-IC	INITION ENGINE
	d inventor, I hereby declare that:	***************************************
This declaration is directed to:	The attached application, or	
	United States application or PCT internat on;	lonal application numberfiled
The above-identifie	ed application was made or authorized to be m	ade by me.
I believe that I am t	the original inventor or an original joint invento	r of a claimed invention in the application.
	rneys and agents associated with Customer Nu et number of the above identified application w	mber 145327 to insert the filing date, application number, hen known.
•	lge that any willful false statement made in the nt of not more than five (5) years, or both.	above declaration is punishable under 18 U.S.C. 1001 by
3-1, Shinchi, Fuchu- NOW, THEREFOR, have sold, assigned, right to the above- the entire right, title and its territorial po- and extensions ther I hereby authoriz- any and all of said L to the same, for the Further, I agree to invention, and testiff and reissue applicat ASSIGNEE, make all	cho, Aki-gun, Hiroshima 730-8670, Japan, is de to for good and valuable consideration, the rec , and transferred, and by these presents do sell, identified invention in the United States and is le and interest in and to any and all Letters Pa possessions and in any and all foreign countries, reof. The and request the Patent Office officials in the Letters Patent, when granted, to ASSIGNEE, as the sole use of the ASSIGNEE, its successors and that I will communicate to ASSIGNEE, or its fy in any legal proceeding, sign all lawful papers tions, execute all necessary assignment papers	eipt and sufficiency of which are hereby acknowledged, is assign, and transfer unto ASSIGNEE, the full and exclusive its territorial possessions and in all foreign countries, and tent which may be granted therefor in the United States and in and to any and all divisions, reissues, continuations. United States and any and all foreign countries to issue the ASSIGNEE of my entire right, title and interest in and issigns. The representatives, any facts known to me respecting said execute all divisional, continuation, substitution, renewal to cause any and all of said Letters Patent to be issued to sible to aid ASSIGNEE, its successors and assigns, to obtain
LEGAL NAME OF IN	VENTOR	
Inventor: N	Masanari Sueoka Date: April 4 /	2 6
Signature: ///acu	en Dustaa	
	ATTY D	DCKET NO.: MZD193006

l me or	CONTROL SYSTEM FOR COMPRESSION-IGNITION ENGINE
Invention:	CONTROL STSTEIN FOR COMPRESSION-IGINITION 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.
1	neys and agents associated with Customer Number 145327 to insert the filing date, application number, t number of the above Identified application when known.
ł	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.
3-1, Shinchi, Fuchu- NOW, THEREFOR have sold, assigned, right to the above-i the entire right, titl and its territorial po and extensions ther I hereby authoriz any and all of said I to the same, for the Further, I agree invention, and testif 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 a 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. e 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 by in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewaltions, 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: K	eiji Maruyama Date: April 24, 2019
Signature: Kei	ŭ Maryasse
I	ATTY DOCKET NO - M7D192006

Title of 'Invention:	CONTROL SYSTEM FOR COMPRESSION-IGNITION ENGINE
As the below name	i 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, the number 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 it 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	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 a and interest in and to any and all Letters Patent which may be granted therefor in the United States ssessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and
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 ald 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 INV	/ENTOR
Inventor: T	akuya Ohura Date: April 24, 2019
Signature: 57/4	y Ohura
***************************************	ATTY DOCKET NO - M/70192006

Title of Invention:	CONTROL SYSTEM FOR COMPRESSION-IGNITION ENGINE
As the below names	l 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 th	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, number 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 it 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 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 sald 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 INV	
	mohiro Nishida Date: April ,25,2019
Signature:	cohiko hishida
	ATTY DOCKET NO.: MZD193006

Title of	CONTROL SYSTEM FOR COMPRESSION-IGNITION ENGINE
Invention:	
As the below named	l 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	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, t number 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 at of not more than five (5) years, or both.
3-1, Shinchi, Fuchu- NOW, THEREFOR	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
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	
	e 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 ther	
•	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
	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
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.
125541 (11142) AB 1411	. JPANNAD
LEGAL NAME OF IN	
Inventor:	Yusuke Kawai Date: April, 29, 20/9
Signature: Youko Kawai	
	ATTOLOGO CONTRACTOR AND A STORE AND A STOR

little 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 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.		
I hereby acknowledge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment 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 there i hereby authorized any and all of said L to the same, for the Further, I agree to invention, and testif 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 ssessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations eof. In an an 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 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 by 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		
	Testuva Chikada Date: April. 24 2019	
Signature: <u>Tetsuya Chikada</u>		
	ATTY DOCKET NO.: MZD193006	

THE 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 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.		
I hereby acknowledge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment 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 ther		
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		
	sole use of the ASSIGNEE, its successors and assigns.	
	hat 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		
	ions, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to	
	rightful paths 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 INV	ENTOR	
Inventor: <u>Tat</u>	suhiro Tokunaga Date: April 15,2019	
Signature: Tatorhine Tolomoga		
******************************	ATTY DOCKET NO - MZD193006	

PATENT REEL: 049176 FRAME: 0137

RECORDED: 05/14/2019