### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3898574

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TOMOMI WATANABE	05/24/2016
NOBUO TAKEUCHI	05/24/2016
YUYA HONDA	05/24/2016
KAZUNORI HIRABAYASHI	05/24/2016

#### **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:	15170869

#### **CORRESPONDENCE DATA**

**Fax Number:** (503)459-4142

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: 503-459-4141
Email: martin@ahmrt.com

Correspondent Name: ALLEMAN HALL MCCOY RUSSELL & TUTTLE LLP

Address Line 1: 806 SW BROADWAY, SUITE 600
Address Line 4: PORTLAND, OREGON 97205

ATTORNEY DOCKET NUMBER:	MZD2016A014
NAME OF SUBMITTER:	KYOKO MARTIN
SIGNATURE:	/Kyoko Martin/
DATE SIGNED:	06/01/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 4** 

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PATENT REEL: 038769 FRAME: 0131

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> PATENT REEL: 038769 FRAME: 0132

Title of	CONTROL SYSTEM OF ENGINE
Invention:	
As the below named	f inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	United States application or PCT international application number
	filed on;
	filed off
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 at Alleman Hall McCoy Russell & Tuttle LLP (Customer Number 50488) to insert the filing date, and attorney docket 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 t of not more than five (5) years, or both.
WHEREAS, Mazda Motor Corporation, ("ASSIGNEE"), a Japanese corporation, having a 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 INVI	ENTOR
Inventor: Tomomi WATANABE Date: May 24, 20/6 Signature: Tomomi Watanabe	
Signature: Jomen	ni Watanabe
	ATTY DOCKET NO · MZD2016A014

Alleman Hall McCoy Russell & Tuttle LLP 806 SW Broadway, Ste. 600 Portland, OR 97205

PATENT REEL: 038769 FRAME: 0133

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Invention:	
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I believe that I am th	ne original inventor or an original joint inventor of a claimed invention in the application.
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Fuchu-cho, Akl-gun, NOW, THEREFOR, have sold, assigned, right to the above-identire right, title and territorial possession extensions thereof. I hereby authorize and all of said Letter same, for the sole us Further, I agree th invention, and testif renewal and reissue issued to ASSIGNEE,	Motor Corporation, ("ASSIGNEE"), a Japanese corporation, having a place of business at 3-1, Shinchi, 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 lentified invention in the United States and its territorial possessions and in all foreign countries, and the dinterest in and to any and all Letters Patent which may be granted therefor in the United States and its and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and and request the Patent Office officials in the United States and any and all foreign countries to issue any a Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and to the se of the ASSIGNEE, its successors and assigns. at 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, applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, e proper protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF INV	ENTOD
	AKEUCHI Date: May 24, 2016
Signature: Nobu	o Takeuchi was a see

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ATTY DOCKET NO.: MZD2016A014

Alleman Hall McCoy Russell & Tuttle LLP

806 SW Broadway, Ste. 600

Portland, OR 97205

PATENT REEL: 038769 FRAME: 0134

litle of	CONTROL SYSTEM OF ENGINE
Invention:	
As the below named	inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
un celeu to.	United States application or PCT international application number
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The above-identified	application was made or authorized to be made by me.
I believe that I am th	e original inventor or an original joint inventor of a claimed invention in the application.
	neys at Alleman Hall McCoy Russell & Tuttle LLP (Customer Number 50488) to insert the filing date, and attorney docket number of the above identified application when known.
	te that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by t of not more than five (5) years, or both.
Fuchu-cho, Aki-gun, NOW, THEREFOR, have sold, assigned, right to the above-id entire right, title and territorial possession extensions thereof. I hereby authorize and all of said Letter same, for the sole us Further, I agree th invention, and testific renewal and reissue issued to ASSIGNEE, to obtain and enforce	Motor Corporation, ("ASSIGNEE"), a Japanese corporation, having a place of business at 3-1, Shinchi, 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 entified invention in the United States and its territorial possessions and in all foreign countries, and the interest in and to any and all Letters Patent which may be granted therefor in the United States and its as and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and and request the Patent Office officials in the United States and any and all foreign countries to issue any a Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and to the e of the ASSIGNEE, its successors and assigns. at I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said or in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, e proper protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF INV	ENTOR
	NDA Date: May 24, 20/6
Signature: Yuya Honda	
•	ATTY DOCKET NO.: MZD2016A014

Alleman Hall McCoy Russell & Tuttle LLP 806 SW Broadway, Ste. 600 Portland, OR 97205

PATENT REEL: 038769 FRAME: 0135

Title of	CONTROL SYSTEM OF 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 number
	filed 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.
I authorize the attor	neys at Alleman Hall McCoy Russell & Tuttle LLP (Customer Number 50488) to insert the filing date,
	and attorney docket number of the above identified application when known.
I hazabu saksayılada	
	to that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by to find that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by
inc or imprisonner	to not more than five (5) years, or both.
WHEREAS, Mazda	Motor Corporation, ("ASSIGNEE"), a Japanese corporation, having a place of business at 3-1, Shinchi,
	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
	entified invention in the United States and its territorial possessions and in all foreign countries, and the
	interest in and to any and all Letters Patent which may be granted therefor in the United States and its
	is and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and
extensions thereof.	
	and request the Patent Office officials in the United States and any and all foreign countries to issue any
	s Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and to the
	e of the ASSIGNEE, its successors and assigns. at 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,
	applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be
	make all rightful oaths and generally do everythirig possible to aid ASSIGNEE, its successors and assigns,
	e proper protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF INV	
	HIRABAYASHI Date: May 29. 2016
Inventor: <u>Kazunori</u>	HIRABAYASHI Date: 1 Day 29. 2016
- Va.	2 Girland
Signature: Mazuk	or, 14tranaga Shi
ν	ATTY DOCKET NO . MEDOOM CAMA
	ATTY DOCKET NO.: MZD2016A014

Alleman Hall McCoy Russell & Tuttle LLP 806 SW Broadway, Ste. 600 Portland, OR 97205

> PATENT REEL: 038769 FRAME: 0136

RECORDED: 06/01/2016