503320019 05/22/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3366638

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAISUKE SHIMO	05/13/2015
SANGKYU KIM	05/18/2015
MAKOTO NAMBA	05/13/2015
MASAHIRO MIYAZAKI	05/14/2015
YUDAI KATO	05/14/2015
SHUJI TAKUMA	05/13/2015
TADASHI TADOKORO	05/14/2015

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:	14720609

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.

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

Address Line 2: SUITE 600

Address Line 4: PORTLAND, OREGON 97205-3335

ATTORNEY DOCKET NUMBER: MZD2015A011

NAME OF SUBMITTER: KYOKO MARTIN

SIGNATURE: /Kyoko Martin/

DATE SIGNED: 05/22/2015

503320019 PATENT REEL: 035702 FRAME: 0805

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 7

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PATENT REEL: 035702 FRAME: 0806

Title of Invention:	COMBUSTION CHAMBER STRUCTURE FOR DIESEL ENGINE
	i 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 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.
Fuchu-cho, Aki-gun, I-NOW, THEREFOR, have sold, assigned, right to the above-identire right, title and territorial possession extensions thereof. I hereby authorize and all of said Letters same, for the sole use Further, I agree the invention, and testify renewal and reissue a issued to ASSIGNEE, r	Motor Corporation, ("ASSIGNEE"), a Japanese corporation, having a place of business at 3-1, Shinchi, diroshima 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 linterest 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 as 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. It will communicate to ASSIGNEE, or its representatives, any facts known to me/us 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 everything possible to aid ASSIGNEE, its successors and assigns, a proper protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF INVE	•
Inventor: Dai	isuke SHIMO Date: 5/13/2015
Signature: <u>Dais</u>	who Shimo
	ATTY DOCKET NO.: MZD2015A011

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

PATENT

Title of	COMBUSTION CHAMBER STRUCTURE FOR DIESEL 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 number filed on
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.
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	te that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by tof not more than five (5) years, or both.
Fuchu-cho, Aki-gun, I	Motor Corporation, ("ASSIGNEE"), a Japanese corporation, having a place of business at 3-1, Shinchi, diroshima 7308670, Japan, is desirous of acquiring an interest therein; for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged.
	and transferred, and by these presents do sell, assign, and transfer unto ASSIGNEE, the full and exclusive
right to the above-id	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
extensions thereof.	is 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
	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/us 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 everything possible to aid ASSIGNEE, its successors and assigns,
	proper protection for said invention in the United States and in any and all foreign countries.
	, , , , , , , , , , , , , , , , , , , ,
LEGAL NAME OF INVI	ENTOR
	gkyu KIM Date: 5/18/2015
Signature: <u>Kim</u>	sangkyu
	ATTY DOCKET NO · M7D2015A011

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

PATENT

Title of	COMBOSTION CHAMBER STRUCTURE FOR DIESEL ENGINE
Invention:	
As the below named	l inventor, I hereby declare that:
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LEGAL NAME OF INVI	ENTOR
,	koto NAMBA Date: 5//3/2015
Signature: <u>Mad</u>	koto hamba
	ATTY DOCKET NO.: MZD2015A011
	THE POOR TO THE PERSON WELL

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

PATENT

Title of Invention:	COMBUSTION CHAMBER STRUCTURE FOR DIESEL ENGINE
As the below named	l inventor, I hereby declare that:
This declaration is directed to:	☑ The attached application, or
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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.
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Fuchu-cho, Aki-gun, I-NOW, THEREFOR, have sold, assigned, right to the above-identire right, title and territorial possession extensions thereof. I hereby authorize and all of said Letters same, for the sole use Further, I agree the invention, and testify renewal and reissue a issued to ASSIGNEE, resulting the sole of the sole use for the sole use invention.	Motor Corporation, ("ASSIGNEE"), a Japanese corporation, having a place of business at 3-1, Shinchi, diroshima 7308670, 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 tentified invention in the United States and its territorial possessions and in all foreign countries, and the linterest 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 e of the ASSIGNEE, its successors and assigns. at I will communicate to ASSIGNEE, or its representatives, any facts known to me/us 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 everything possible to aid ASSIGNEE, its successors and assigns, a proper protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF INVE	ENTOR
Inventor: Mas	sahiro MIYAZAKI Date: 5.14.2015 Sahiro Miyazaki
Signature:	sakiro Miyasaki
•	ATTY DOCKET NO.: MZD2015A011

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

PATENT

Title of	COMBUSTION CHAMBER ST	RUCTURE FOR DIESEL ENGINE	
Invention:			
As the below named	I inventor, I hereby declare that:		
	—	•	
This declaration is directed to:	☐ The attached application, or		
ancocca to.	United States application or PC	T international application number	filed on
		i international application number	ned on
•			
The above-identified	d application was made or authorize	ed to be made by me.	
I believe that I am th	e original inventor or an original jo	int inventor of a claimed invention in the appli	cation.
I authorize the attor	neys at Alleman Hall McCoy Russell	& Tuttle LLP (Customer Number 50488) to inst	ert the filing date,
		above identified application when known.	•
Lharabu zeknowlada	To that any willful false statement w	ando in the characteristics to contain the	
	t of not more than five (5) years, or	nade in the above declaration is punishable und both.	Jer 18 U.S.C. 1001 by
•			
WHEREAS, Mazda	Motor Corporation, ("ASSIGNEE"), a	a Japanese corporation, having a place of busin	iess at 3-1, Shinchi,
		ous of acquiring an interest therein;	
NOW, THEREFOR,	for good and valuable consideration	n, the receipt and sufficiency of which are here	by acknowledged, I
right to the above id	and transferred, and by these prese	ents do sell, assign, and transfer unto ASSIGNEI tes and its territorial possessions and in all fore	E, the full and exclusive
entire right, title and	interest in and to any and all Letter	rs Patent which may be granted therefor in the	algn countries, and the
		es, and in and to any and all divisions, reissues,	
extensions thereof.			•
I hereby authorize	and request the Patent Office offici	ials in the United States and any and all foreign	countries to issue any
		E, as the ASSIGNEE of my entire right, title and	I interest in and to the
	e of the ASSIGNEE, its successors ar	nd assigns. or its representatives, any facts known to me/	· · · · · · · · · · · · · · · · · · ·
invention and testify	in any legal proceeding sign all lay	of its representatives, any facts known to men vful papers, execute all divisional, continuation	us respecting said
renewal and reissue	applications, execute all necessary	assignment papers to cause any and all of said	Letters Patent to be
		y do everything possible to aid ASSIGNEE, its su	
		on in the United States and in any and all foreig	
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LEGAL NAME OF INVE	INTOR	•	
Inventor: Yud	ai KATO Date: <u>5/14/20</u> 1	<u>'</u>	,
		<u>-</u> ·	
Signature: <u>Judo</u>	u Kato	_	
		ATTY DOCKET NO.: MZD2015A011	<i>.</i> i

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

> **PATENT REEL: 035702 FRAME: 0811**

Title of	COMBUSTION CHAMBER STRUCTURE FOR DIESEL 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 number filed on
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.
Lauthoriza 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.
application number,	and according object number of the above facilities application when known.
I hereby acknowledg	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.
	Motor Corporation, ("ASSIGNEE"), a Japanese corporation, having a place of business at 3-1, Shinchi,
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	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
entire right title and	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.	is and in dry and an rotal grecountries, and in and to any and an divisions, reissues, continuations and
	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.
Further, I agree th	at I will communicate to ASSIGNEE, or its representatives, any facts known to me/us respecting said
invention, and testify	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,
to obtain and enforce	e proper protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF INVI	FNTOR
Inventor: Shu	ji TAKUMA Date: 5/13/2015
17	>=
Signature:	MI LAKUMA
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	ΔΤΤΥ DOCKET NO ⋅ Μ7D2D15ΔD11

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

PATENT REEL: 035702 FRAME: 0812

Title of	COMBUSTION CHAMBER STRUCTURE FOR DIESEL ENGINE	
Invention:		
As the below named	d inventor, I hereby declare that:	
This declaration is directed to:	☐ The attached application, or	
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The above-identified	d application was made or authorized to be made by me.	
I believe that I am th	he original inventor or an original joint inventor of a claimed invention in the application.	
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Fuchu-cho, Aki-gun, I NOW, THEREFOR, have sold, assigned, right to the above-ic	a Motor Corporation, ("ASSIGNEE"), a Japanese corporation, having a place of business at 3-1, Shi Hiroshima 7308670, Japan, is desirous of acquiring an interest therein; , for good and valuable consideration, the receipt and sufficiency of which are hereby acknowled, and transferred, and by these presents do sell, assign, and transfer unto ASSIGNEE, the full and dentified invention in the United States and its territorial possessions and in all foreign countries d interest in and to any and all Letters Patent which may be granted therefor in the United States.	lged, I exclusive , and the
	on merest in and to any and all fetters ratent which may be granted therefor in the officer state. One and in any and all foreign countries, and in and to any and all divisions, reissues, continuation	
I hereby authorize	e and request the Patent Office officials in the United States and any and all foreign countries to rs Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in ar	
same, for the sole u	se of the ASSIGNEE, its successors and assigns.	
Further, I agree th	nat I will communicate to ASSIGNEE, or its representatives, any facts known to me/us respecting	saĭd
invention, and testif	fy 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 Paten	t 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	ce proper protection for said Invention in the United States and in any and all foreign countries.	
		·
LEGAL NAME OF INV	VENTOR	
Inventor: Tac	dashi TADOKORO Date: 5/14/2015	
Signature: \sqrt{a}	dashi Todokoto	
	ATTY DOCKET NO.: MZD2015A011	

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

PATENT