### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4947827

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MASANOBU KANNO	03/27/2018
HIROYUKI NISHIMURA	03/27/2018
KENJI TANIMURA	03/27/2018
KENTA ANDO	03/23/2018

### **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:	15971793

### **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:	MZD183014
NAME OF SUBMITTER:	MINH NGO
SIGNATURE:	/Minh Ngo/
DATE SIGNED:	05/04/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).
	·

**Total Attachments: 4** 

PATENT REEL: 045723 FRAME: 0065

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Title of Invention:	EXHAUST PURIFICATION DEVICE OF ENGINE	
	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	dapplication was made or authorized to be made by me.	
I believe that I am II	e 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, Mazada 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	I interest in and to any and all Letters Patent which may be granted therefor in the United States and its	
territorial possession	ns and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and	
extensions thereof.	and anniversal the Busines Million illitately to the Trate of Paris, and anniversal the Business Million illitately to the Trate of Paris, 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.		
	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 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.		
en onesin and enjoir	e proper protection for seid invention in the dutied States and in any and all foreign countries.	
LEGAL NAME OF INV	ENTOR	
Inventor: Masanobu Kanno Date: March 27, 2018		
Signature: Maunoby Komo		
***************************************	ATTY DOCKET NO - MAZINI 22014	

Title of Invention:	EXHAUST PURIFICATION DEVICE OF ENGINE
*************	ed 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-identifi	ed 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.
	orneys and agents associated with Customer Number 145327 to insert the filing date, application number, et number of the above identified application when known.
	dge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by ent of not more than five (5) years, or both.
3-1, Shinchi, Fucht, NOW, THEREFO have sold, assigned right to the above entire right, title a territorial possessi extensions thereof I hereby authori and all of said Lett same, for the sole Further, I agree invention, and terrenewal and reissuissued to ASSIGNE	da 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;  R, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I is, 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 the indinterest in and to any and all Letters Patent which may be granted therefor in the United States and its ons and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and are and request the Patent Office officials in the United States and any and all foreign countries to issue any ers Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and to the use of the ASSIGNEE, its successors and assigns.  That I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said stify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, he applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be E, make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, ree proper protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF IN	IVENTOR .
farmition \$11	royuki Nishimura Date: March 27-2-2/P
Signature: Mass	whi hishimura Date: 1000000, 27 / ~ · · ·
	ATTY DOCKET NO.: MZD183014

Title of Invention:	EXHAUST PURIFICATION DEVICE OF ENGINE	
As the below name	ed inventor, I hereby declare that:	
This declaration is directed to:	The attached application, or	
	United States application or PCT international application number	filed
The above-identifi	ed 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 ap	plication.
;	orneys and agents associated with Customer Number 145327 to insert the filing et number of the above identified application when known.	date, application number,
	dge that any willful false statement made in the above declaration is punishable ent of not more than five (5) years, or both.	e under 18 U.S.C. 1001 by
3-1, Shinchi, Fucht NOW, THEREFO have sold, assigned right to the above entire right, title a	ada Motor Corporation, ("ASSIGNEE"), a Japanese corporation, having its principal cho, Aki-gun, Hiroshima 730-8670, Japan, is desirous of acquiring an interest the R, for good and valuable consideration, the receipt and sufficiency of which are d, and transferred, and by these presents do sell, assign, and transfer unto ASSIGN-identified invention in the United States and its territorial possessions and in all indirecest in and to any and all Letters Patent which may be granted therefor in ions and in any and all foreign countries, and in and to any and all divisions, ref.	erein; a hereby acknowledged, I NEE, the full and exclusive foreign countries, and the I the United States and its
and all of said Lett	ze and request the Patent Office officials in the United States and any and all fore ers Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title use of the ASSIGNEE, its successors and assigns.	
Further, I agree invention, and te renewal and reissa issued to ASSIGNE	that I will communicate to ASSIGNEE, or its representatives, any facts know stify in any legal proceeding, sign all lawful papers, execute all divisional, or ue applications, execute all necessary assignment papers to cause any and all of E, make all rightful oaths and generally do everything possible to aid ASSIGNEE, i since proper protection for said invention in the United States and in any and all fo	ontinuation, substitution, said Letters Patent to be ts successors and assigns,
LEGAL NAME OF I	*VENTOR	
Inventor: K	enji Tanimura Date: March 27, 2018	
Signature:	oji Isnimusa	
	ATTY DOCKET NO.: MZD183014	

Title of	EXHAUST PURIFICATION DEVICE OF ENGINE
invention:	Danish and Danish of a dans that
As the below hamed	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.
i authorize the attor	neys and agents associated with Customer Number 145327 to insert the filing date, application number,
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,	
I hereby acknowled	ge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by
fine or Imprisonmen	it of not more than five (5) years, or both.
	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;
	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	
	dentified invention in the United States and its territorial possessions and in all foreign countries, and the
	d interest in and to any and all Letters Patent which may be granted therefor in the United States and its
	ns 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
	rs 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.
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 enfor	ce proper protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF IN	(CAT7A)
	•
Inventor:	Kenta Ando Date: Mayok 23, 2018
Signature: <u>Lanta Ando</u>	
	ATTY TOCKET NO. 1270107014

PATENT REEL: 045723 FRAME: 0070

**RECORDED: 05/04/2018**