### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

pnic Version v1.1 EPAS ID: PAT4873263

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YASUTAKE TSUCHIDA	03/05/2018
TAKUYA OBATAKE	03/07/2018
RYOUSUKE NOZAKI	03/07/2018
TAKAYA KAWASUMI	03/05/2018

#### **RECEIVING PARTY DATA**

Name:	MAZDA MOTOR CORPORATION	
Street Address:	NO. 3-1, SHINCHI, FUCHU-CHO, AKI-GUN	
City:	HIROSHIMA	
State/Country:	JAPAN	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	29641043

#### **CORRESPONDENCE DATA**

**Fax Number:** (703)390-1277

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:** (703)390-9051

**Email:** info@sbpatentlaw.com

Correspondent Name: STUDEBAKER & BRACKETT PC Address Line 1: 8255 GREENSBORO DRIVE

Address Line 2: SUITE 300

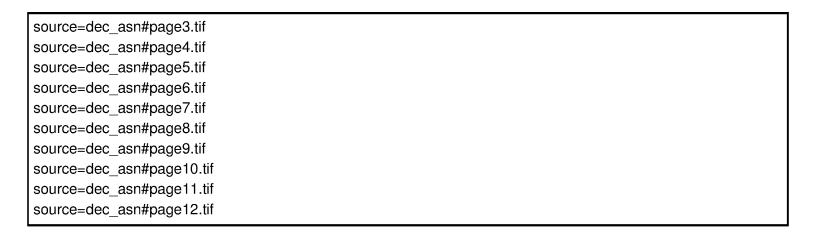
Address Line 4: TYSONS, VIRGINIA 22102

ATTORNEY DOCKET NUMBER:	742421-000664
NAME OF SUBMITTER:	DONALD R. STUDEBAKER
SIGNATURE:	/Donald R. Studebaker/
DATE SIGNED:	03/19/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 12** source=dec\_asn#page1.tif source=dec\_asn#page2.tif

PATENT REEL: 045278 FRAME: 0933

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I, Junko Kamiguri, hereby solemnly and sincerely declare:

That I am well acquainted with the Japanese language and English language; and

That the attached is a true and faithful translation of the Declaration/Assignment submitted for the enclosed New U.S. Design Application which claims priority to <u>Japanese</u> <u>Design Application No. D2017-020470</u> being filed herewith, to the best of my knowledge and belief.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further these statements were made with the knowledge that willful false statements and that like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application of any patent issued therefrom.

Date: April 6, 2017 Signed: Tunko Kangu



Title of Invention:	
TIME OF INVENTION;	
Motor	· Vehicle
私は、以下に記名された発明者として、ここに下記の通り 重言する:	As a below named inventor, I hereby declare that:
本宣言書は、以下の出額に対するものである:	This declaration is directed to:
<ul><li>□ 添付された出願、あるいは、</li><li>□ 米國出願を考またはPCT国際出願を考は、</li><li>であり、且つ</li><li>の日(こ由願された出願(該当する場合)</li></ul>	The attached application, or United States application or PCT international application number filed on
上記出願書(明細書及び図面)は、私が作成したもの か、あるいは私がその作成を許可したものである。	The above-identified application was made or authorized to be made by me.
私は、本米国出額の請求範囲で記載された発明に対 する原発明者であるか、或いは、原共開発明者であ ると信じている。	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
私は、ここでの宣誓さたは陳遂において故意に偽りを述べた場合、合衆固法典第18巻第1001条に基づき、罰金あるいは5年以下の懲役、または、両方の懲罰を受けることを認める。	I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.



WHEREAS Yasutake TSUCHIDA hereinafter referred to as the assignor, has invented a cer	tain improvement relating to:	
Motor Vehicle .	•	
The inventor declaration for said application is combined !	diwapan	
[ ] said application to be filed in the United States Patent		
[ ] said application having been filed in the United States authorization being hereby given to the practitioners a CUSTOMER NUMBER 78198, to insert here in parenthe application serial number of said application when known;	Patent and Trademark Office on, ussociated with STUDEBAKER & BRACKETT PC's uses (Application Serial No. ) the	
[ ] said application having been filed under the Patent Cor Serial No, the United State	pperation Treaty on, as so of America being designated.	
AND WHEREAS Mazda Motor Corporation  of No. 3-1, Shinchi, Fuchu-cho, Aki-qun, Hiroshima, Japan, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;		
NOW, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.		
AND said assignor hereby agrees to perform, up successors or assigns, any and all acts relating to the ob any and all renewals, reissues and prolongations thereof.	on the request of sald assignee, or said assignee's taining or to the asserting of said patents, including	
AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.		
The undersigned hereby grants the law firm of STUDEBAKER & BRACKETT PC the power to insert on the Assignment portion of this combined Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.		
This combined Declaration and Assignment has opposite the undersigned name.	s been executed by the undersigned on the date	
発明者氏名 Leg	al Name of Inventor	
	Yasutake TSUCHIDA	
発明者の著名 日付 Sign	Sture March 5, 2018	
5/8		

I, Junko Kamiguri, hereby solemnly and sincerely declare:

That I am well acquainted with the Japanese language and English language; and

That the attached is a true and faithful translation of the Declaration/Assignment submitted for the enclosed New U.S. Design Application which claims priority to <u>Japanese</u> <u>Design Application No. D2017-020470</u> being filed herewith, to the best of my knowledge and belief.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further these statements were made with the knowledge that willful false statements and that like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application of any patent issued therefrom.

Date: April 6, 2017 Signed: Tunko Kangu



Title of invention:		
Motor Vehicle		
私は、以下に記名された発明者として、ここに下記の通り 宣言する:	As a below named inventor, I hereby declare that:	
本宣言書は、以下の出願に対するものである:	This declaration is directed to:	
□ 添付された出級、あるいは、 □ 米国出願番号またはPCT国際出願番号は、 □ であり、且つ □ の日に出願された出願(該当する 場合)	The attached application, or United States application or PCT international application number	
上記出願書(明知書及び図面)は、私が作成したものか、あるいは私がその作成を許可したものである。	The above-identified application was made or authorized to be made by me.	
私は、本米関出願の請求範囲で記載された発明に対 する原発明者であるか、或いは、原共同発明者であ ると信じている。	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
私は、ここでの宣誓または陳述において故意に偽りを述べた場合、台京国法典第18巻第1901条に基づさ、罰金あるいは5年以下の懲役、または、両方の懲罰を受けることを認める。	I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.	



WHEREAS Takuya OBATAKE		
hereinafter referred to as the assignor, has invented a	certain improvement relating to:	
Mator Vehicle		
The inventor declaration for said application is combin	ed herewith.	
[ ] said application to be filed in the United States Pa	tent and Trademark Office;	
[ ] said application having been filed in the United States Patent and Trademark Office on, authorization being hereby given to the practitioners associated with STUDEBAKER & BRACKETT PC's CUSTOMER NUMBER 78198, to insert here in parentheses (Application Serial No) the application serial number of said application when known;		
[ ] said application having been filed under the Patent Serial No, the United S	Cooperation Treaty on, as tates of America being designated.	
desirous of acquiring the entire right, title and interest	a. Japan , hereinafter referred to as the assignee, is in and to said application, including any and all divisions and any and all patents which may be granted therefor,	
NOW, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assigner, the receipt of which is hereby acknowledged, said assigner hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.		
AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.		
AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.		
The undersigned hereby grants the law firm of STUDEBAKER & BRACKETT PC the power to insert on the Assignment portion of this combined Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.		
This combined Declaration and Assignment opposite the undersigned name.	has been executed by the undersigned on the date	
<b>完明省氏名</b>	Legal Name of Inventor	
	Takuya OBATAKE	
発明者の著名 日付	Signature Date 大量拓也 March 7, 2018	

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I, Junko Kamiguri, hereby solemnly and sincerely declare:

That I am well acquainted with the Japanese language and English language; and

That the attached is a true and faithful translation of the Declaration/Assignment submitted for the enclosed New U.S. Design Application which claims priority to <u>Japanese</u> <u>Design Application No. D2017-020470</u> being filed herewith, to the best of my knowledge and belief.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further these statements were made with the knowledge that willful false statements and that like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application of any patent issued therefrom.

Date: April 6, 2017 Signed: Junko Kangu



Title of Invention:		
Motor Vehicle		
私は、以下に記名された発明者として、ここに下記の通り 宣言する:	As a below named inventor, I hereby declare that:	
本宣言書は、以下の出願に対するものである;	This declaration is directed to:	
□ 添付された出願、あるいは、 □ 米園出願番号またはFCT園際出願备号は、 であり、且つ の日に出願された出額(該当する 場合)	☐ The attached application, or ☐ United States application or PCT international application number	
上記出職警(明知書及び図面)は、私が作成したものか、あるいは私がその作成を許可したものである。	The above-identified application was made or authorized to be made by me.	
私は、本米国出願の請求範囲で記載された発明に対 する原発明者であるか、或いは、原共同発明者であ ると信じている。	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
私は、ここでの宣誓または陳述において故意に偽りを述べた場合、合衆国法典第18巻第1001条に基づき、罰金あるいは5年以下の懲役、または、両方の懲罰を受けることを認める。	I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.	



WHEREAS Ryousuke NOZAKI		
hereinafter referred to as the assignor, has invented a	certain improvement relating to:	
Motor Vehicle		
The inventor declaration for said application is combined herewith.		
[ ] said application to be filed in the United States Pa	tent and Trademark Office;	
[ ] said application having been filed in the United States Patent and Trademark Office on, authorization being hereby given to the practitioners associated with <u>STUDEBAKER &amp; BRACKETT PC's CUSTOMER NUMBER 78198</u> , to insert here in parentheses (Application Serial No) the application serial number of said application when known;		
[ ] said application having been filed under the Patent Serial No, the United S	Cooperation Treaty on, as states of America being designated.	
AND WHEREAS Mazda Motor Corporation  of No. 3-1, Shinchi, Fuchu-cho, Aki-gun, Hiroshima, Japan, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;  NOW, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assigner, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might		
or could have held and enjoyed the same, if this assignment had not been made.  AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.		
AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.		
The undersigned hereby grants the law firm of STUDEBAKER & BRACKETT PC the power to insert on the Assignment portion of this combined Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.		
This combined Declaration and Assignment opposite the undersigned name.	has been executed by the undersigned on the date	
発明者代名	Legal Name of Inventor	
	Ryousuke NOZAKI	
発明者の署名 日 庁	Signature Date Puntoh, 7, 2018	

I, Junko Kamiguri, hereby solemnly and sincerely declare:

That I am well acquainted with the Japanese language and English language; and

That the attached is a true and faithful translation of the Declaration/Assignment submitted for the enclosed New U.S. Design Application which claims priority to <u>Japanese</u> <u>Design Application No. D2017-020470</u> being filed herewith, to the best of my knowledge and belief.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further these statements were made with the knowledge that willful false statements and that like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application of any patent issued therefrom.

Date: April 6, 2017 Signed: Junko Kangu



Title of invention:		
Motor Vehicle		
私は、以下に記名された発明者として、ここに下記の通り 宣言する:	As a below named inventor, I hereby declare that:	
本宣言書は、以下の出願に対するものである:	This declaration is directed to:	
<ul><li>□ 添付された出額、あるいは、</li><li>□ 米国出額番号またはPCT国際出額番号は、</li><li>であり、且つ</li><li>の日に出額された出額(該当する)</li></ul>	The attached application, or United States application or PCT international application number	
<b>場合)</b>		
上記由頻響(明細響及び顕施)は、私が作成したものか、あるいは私がその作成を許可したものである。	The above-identified application was made or authorized to be made by me.	
私は、本米国出願の諸求範囲で記載された発明に対 する原発明者であるか、或いは、原共同発明者であ ると信じている。	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
私は、ここでの宣誓または陳述において故意に偽りを述べた場合、合衆園法典第18巻第1001条に基づき、罰金あるいは5年以下の懲役、または、両方の懲罰を受けることを認める。	I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.	



**RECORDED: 03/19/2018** 

WHEREAS Takaya KAWASUMI hereinafter referred to as the assignor, has invented a certain improvement relating to:	
Motor Vehicle	
The inventor declaration for said application is combined herewith.	
[ ] said application to be filed in the United States Patent and Trademark Office;	
[ ] said application having been filed in the United States Patent and Trademark Office on, authorization being hereby given to the practitioners associated with <u>STUDEBAKER &amp; BRACKETT PC's CUSTOMER NUMBER 78198</u> , to insert here in parentheses (Application Serial No) the application serial number of said application when known;	
[ ] said application having been filed under the Patent Serial No, the United S	Cooperation Treaty on, as tates of America being designated.
AND WHEREAS Mazda Motor Corporation  of No. 3-1, Shinchi, Fuchu-cho, Aki-gun, Hiroshima, Japan , hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;  NOW, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assigner, the receipt of which is hereby acknowledged, said assigner hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assigner might or could have held and enjoyed the same, if this assignment had not been made.  AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors and assigns, in a coordance herewith.  The undersigned hereby grants the law firm of STUDEBAKER & BRACKETT PC the po	
X 80 年 G- 7	Length lamp of layerter
· 影明者氏名	Legal Name of Inventor Takaya KAWASUMI
発明者の署名 日付 ・	Signature 用度量也 March 5, 2018

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