

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4872251

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YASUTAKE TSUCHIDA	03/05/2018
TAKUYA OBATAKE	03/07/2018
RYOUSUKE NOZAKI	03/07/2018
RYUJI KUMAGAI	03/05/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MAZDA MOTOR CORPORATION
<b>Street Address:</b>	NO. 3-1, SHINCHI, FUCHU-CHO, AKI-GUN
<b>City:</b>	HIROSHIMA
<b>State/Country:</b>	JAPAN
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	29640953
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)390-1277
<i>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.</i>	
<b>Phone:</b>	703 390 9051
<b>Email:</b>	info@sbpatentlaw.com
<b>Correspondent Name:</b>	STUDEBAKER & BRACKETT PC
<b>Address Line 1:</b>	8255 GREENSBORO DRIVE
<b>Address Line 2:</b>	SUITE 300
<b>Address Line 4:</b>	TYSONS, VIRGINIA 22102
<b>ATTORNEY DOCKET NUMBER:</b>	742421-000661
<b>NAME OF SUBMITTER:</b>	DONALD R. STUDEBAKER
<b>SIGNATURE:</b>	/Donald R. Studebaker/
<b>DATE SIGNED:</b>	03/19/2018
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 9</b>	
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source=D1780US\_DEC\_ASN#page9.tif

## DECLARATION

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, claiming priority to JP Design Application No. D2017-020477 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: 2018-03-19

Signed: Junko Kamiguri

**COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT OF APPLICATION  
FOR UNITED STATES LETTERS PATENT**

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 \_\_\_\_\_  
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、本米国出願の請求範囲で記載された発明に対  
する発明者であるか、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** Yasutake TSUCHIDA  
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 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 Cooperation Treaty on \_\_\_\_\_, as Serial No. \_\_\_\_\_, the United States of America being designated.

**AND WHEREAS** Mazda Motor Corporation  
of No. 3-1, Shinchu, 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 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, 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 has been executed by the undersigned on the date opposite the undersigned name.

発明者氏名	Legal Name of Inventor <b>Yasutake TSUCHIDA</b>
発明者の署名	Signature <i>[Signature]</i> Date <b>March 5, 2018</b>

**COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT OF APPLICATION  
FOR UNITED STATES LETTERS PATENT**

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、  
☐ 米国出願番号またはPCT国際出願番号は、  
\_\_\_\_\_であり、且つ  
\_\_\_\_\_の日に提出された出願(該当する  
場合)

☒ 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、本米国出願の請求範囲に記載された発明に対  
する発明者であるか、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.

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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** Takuya OBATAKE  
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 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 Cooperation Treaty on \_\_\_\_\_, as Serial No. \_\_\_\_\_, the United 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 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, 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 has been executed by the undersigned on the date opposite the undersigned name.

発明者氏名	Legal Name of Inventor <b>Takuya OBATAKE</b>
発明者の署名	Signature <i>大島 拓也</i>
日付	Date <i>March, 7, 2018.</i>

**COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT OF APPLICATION  
FOR UNITED STATES LETTERS PATENT**

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  
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本宣言書は、以下の出願に対するものである:

This declaration is directed to:

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☐ 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 \_\_\_\_\_  
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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.

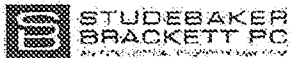
私は、本米国出願の請求範囲に記載された発明に対  
する原発明者であるか、或いは、原共同発明者であ  
ると信じている。

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  
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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 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 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 Cooperation Treaty on \_\_\_\_\_, as Serial No. \_\_\_\_\_, the United States of America being designated.

AND WHEREAS Mazda Motor Corporation  
of No. 3-1, Shinchu, 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 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, 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.

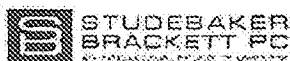
The undersigned hereby grants the law firm of STUDEBAKER & BRACKETT PC the power to insert on the Assignment portion of this combined Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

This combined Declaration and Assignment has been executed by the undersigned on the date opposite the undersigned name.

発明者氏名	Legal Name of Inventor <u>Ryousuke NOZAKI</u>
発明者の署名	Signature <u>野崎 亮介</u>
日付	Date <u>March, 7, 2018</u>

**COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT OF APPLICATION  
FOR UNITED STATES LETTERS PATENT**

<b>Title of Invention:</b>	
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:
<input type="checkbox"/> 添付された出願、あるいは、 <input type="checkbox"/> 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)	<input checked="" type="checkbox"/> The attached application, or <input type="checkbox"/> 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 が、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 Ryuji KUMAGAI  
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 STUDEBAKER & BRACKETT PC's CUSTOMER NUMBER 76198, 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 Cooperation Treaty on \_\_\_\_\_, as Serial No. \_\_\_\_\_, the United States of America being designated.

AND WHEREAS Mazda Motor Corporation  
of No. 3-1, Shinch, 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 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, 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.

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This combined Declaration and Assignment has been executed by the undersigned on the date opposite the undersigned name.

発明者氏名	Legal Name of Inventor <u>Ryuji KUMAGAI</u>
発明者の署名	Signature <u>熊谷 龍司</u>
日付	Date <u>March 5, 2018</u>