PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4839953

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAKAHIRO TOCHIOKA	01/12/2018
SEIJI GOTO	02/07/2018
HIDEKI OKANO	02/12/2018
KAZUHIRO IKEDA	02/05/2018

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:	15904851

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

ALLEMAN HALL CREASMAN & TUTTLE LLP **Correspondent Name:**

Address Line 1: 900 SW 5TH AVENUE

Address Line 2: **SUITE 2300**

Address Line 4: PORTLAND, OREGON 97204

ATTORNEY DOCKET NUMBER:	MZD173052
NAME OF SUBMITTER:	MINH NGO
SIGNATURE:	/Minh Ngo/
DATE SIGNED:	02/26/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

PATENT REEL: 045037 FRAME: 0521

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PATENT REEL: 045037 FRAME: 0522

Title of	METHOD AND SYSTEM OF ASSISTING DRIVING OF VEHICLE
Invention:	
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	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 and agents associated with Customer Number 145327 to insert the filing date, application number, 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 it of not more than five (5) years, or both.
3-1, Shinchi, Fuchu- NOW, THEREFOR, have sold, assigned, right to the above-ic entire right, title and territorial possessio extensions thereof. I hereby authorize and all of said Letter same, for the sole us Further, I agree of Invention, and test renewal and reissue issued to ASSIGNEE, to obtain and enforce	a Motor Corporation, ("ASSIGNEE"), a Japanese corporation, having its principal place of business at the 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 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 interest 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 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. That I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said ify 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, the proper protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF INV	ENTOR
Inventor: Takahi Signature: Taka	ro Tochioka Date: January 12, 20/8 Livo To oh Roka
	ATTY DOCKET NO.: MZD173052

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Title of	METHOD AND SYSTEM OF ASSISTING DRIVING OF VEHICLE
Invention:	
As the below name	d inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
•	United States application or PCT international application number filed
	United States application or PCT international application numberfiled on;
The above-identifie	d application was made or authorized to be made by me.
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.
t .	rneys and agents associated with Customer Number 145327 to insert the filing date, application number, t number of the above identified application when known.
	ige that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by
fine or imprisonmen	nt of not more than five (5) years, or both.
3-1, Shinchi, Fuchu- NOW, THEREFOR have sold, assigned, right to the above-i- entire right, title an territorial possessio extensions thereof. I hereby authorize and all of said Lette same, for the sole u Further, I agree invention, and test renewal and reissue issued to ASSIGNEE	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; 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 dentified 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 ons and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and e 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 use of the ASSIGNEE, its successors and assigns. That I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said tify 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, ce proper protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF IN	VENTOR
Inventor: Seiji G	ioto Date: February 7, 2018
Signature: 5 etg	ii Goto
L	

PATENT REEL: 045037 FRAME: 0524

Title of	METHOD AND SYSTEM OF ASSISTING DRIVING OF VEHICLE
Invention:	
As the below name:	finventor, 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 ti	ne original inventor or an original joint inventor of a claimed invention in the application.
	neys and agents associated with Customer Number 145327 to insert the filing date, application number, 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 It of not more than five (5) years, or both.
3-1, Shinchi, Fuchu- NOW, THEREFOR, have sold, assigned, right to the above-ic entire right, title and territorial possessio extensions thereof. I hereby authorize and all of said Letter same, for the sole us Further, I agree t invention, and test renewal and reissus issued to ASSIGNEE,	a Motor Corporation, ("ASSIGNEE"), a Japanese corporation, having its principal place of business at the 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 and transferred, and by these presents do sell, assign, and transfer unto ASSIGNEE, the full and exclusive itentified 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 and request the Patent Office officials in the United States and any and all foreign countries to issue any 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. That I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said ify 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, the proper protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF INV	ENTOR
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Signature:	Okano Date: February 12, 2018
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PATENT REEL: 045037 FRAME: 0525

METHOD AND SYSTEM OF ASSISTING DRIVING OF VEHICLE

Invention:	
As the below name	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.
believe that am th	ne original inventor or an original joint inventor of a claimed invention in the application.
	neys and agents associated with Customer Number 145327 to insert the filing date, application number, number of the above identified application when known.
I hereby acknowled	ge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by
	at of not more than five (5) years, or both.
	·
3-1, Shinchi, Fuchu-	a Motor Corporation, ("ASSIGNEE"), a Japanese corporation, having its principal place of business at the 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
	and transferred, and by these presents do sell, assign, and transfer unto ASSIGNEE, the full and exclusive
right to the above-io	fentified invention in the United States and its territorial possessions and in all foreign countries, and the
entire right, title and	d interest in and to any and all Letters Patent which may be granted therefor in the United States and its
territorial possession extensions thereof.	ns and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and
I hereby authorize	and request the Patent Office officials in the United States and any and all foreign countries to Issue any
	is Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and to the see of the ASSIGNEE, its successors and assigns.
	hat I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said
	ify 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 optain and entore	e proper protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF INV	ENTOR
	rolkeda Date: February 5, 20/8
Signature:	es for the second

PATENT

REEL: 045037 FRAME: 0526

Title of