PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5136779

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOSHIMITSU YUGAMI	07/13/2018
IKUO NONAKA	07/13/2018
YOSHIAKI NOGUCHI	07/13/2018
KOJI JAHARA	07/13/2018
TAKASHI HAMADA	07/13/2018
TADASUKE ABE	07/13/2018
KAZUKI HIROTA	07/13/2018

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:	16128771

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:	MZD183038
NAME OF SUBMITTER:	MINH NGO
SIGNATURE:	/Minh Ngo/
DATE SIGNED:	09/12/2018

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

Total Attachments: 7

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Hue of	ELECTRIC-DRIVE VEHICLE STRUCTURE
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 numberfiled onfiled
	<u> </u>
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, the 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
fine or imprisonmer	nt of not more than five (5) years, or both.
3-1, Shinchi, Fuchu- NOW, THEREFOR, have sold, assigned, right to the above-i the entire right, title and its territorial po and extensions ther I hereby authorize any and all of said L to the same, for the Further, I agree t invention, and testif and reissue applicat ASSIGNEE, make all and enforce proper	e and request the Patent Office officials in the United States and any and all foreign countries to issue etters Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and sole use of the ASSIGNEE, its successors and assigns. That I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said yin any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal ions, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, to obtain protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF INV	/ENTOR
Inventor:	4 1 .
Signature: Joshima	tu Yazami
	ATTY DOCKET NO.: MZD183038

inde oi	ELECTRIC-DRIVE VEHICLE STRUCTURE
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 ti	ne original inventor or an original joint inventor of a claimed invention in the application.
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	ge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by
fine or imprisonmer	nt of not more than five (5) years, or both.
WHEREAS, Mazda 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 interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and extensions thereof. 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. 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 ald 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.	
LEGAL NAME OF INVENTOR	
Inventor:	Ikuo Nonaka Date: July 13,2018
	uo Nonaka
	ATTY DOCKET NO.; MZD183038

Title of Invention:	ELECTRIC-DRIVE VEHICLE STRUCTURE	
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 numberfiled on;	
The above-identifie	d application was made or authorized to be made by me.	
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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 interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations		
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ASSIGNEE, make all	rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, to obtain protection for said invention in the United States and in any and ail foreign countries.	
LEGAL NAME OF IN	/ENTOR	
Inventor:	Yoshiaki Noguchi Date: July , 18, 2018	
Signature: 10	shiaki Nesuchi	
	ATTV DOCKET NO - NATHYBODS	

Title of Invention:	ELECTRIC-DRIVE VEHICLE STRUCTURE		
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 ti	ne original inventor or an original joint inventor of a claimed invention in the application.		
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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 enforce proper	protection for said invention in the United States and in any and all foreign countries.		
LEGAL NAME OF INV			
Inventor:	Koji Jahara Date: <u>Jul. 13. 2018</u>		
Signature:	T' Jahara		
	ATTY DOCKET NO - M7D183038		

PATENT REEL: 046849 FRAME: 0715

mas i Ho

Integrations	ELECTRIC-DRIVE VEHICLE STRUCTURE
Invention:	l inventor, I hereby declare that:
As the below hather	d inventor, i nereby declare that.
This declaration is directed to:	The attached application, or
	United States application or PCT international application numberfiled
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.
	neys and agents associated with Customer Number 145327 to insert the filing date, application number, t 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-i the entire right, titl- and its territorial po- and extensions ther I hereby authoriz any and all of said L to the same, for the Further, I agree to invention, and testiff and reissue applicat ASSIGNEE, make all	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 e and interest in and to any and all Letters Patent which may be granted therefor in the United States assessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations eof. e and request the Patent Office officials in the United States and any and all foreign countries to issue etters Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and sole use of the ASSIGNEE, its successors and assigns. that I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said by in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal lons, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, to obtain protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF IN	/ENTOR
Inventor:	Takashi Hamada Date: July 13, 2018
Signature: Tolog.	shi Hamada
***************************************	ATTY DOCKET NO - NAZO1 82028

Title of Invention:	ELECTRIC-DRIVE VEHICLE STRUCTURE
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	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 ti	ne original inventor or an original joint inventor of a claimed invention in the application.
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and the second s	ssessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations
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	rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, to obtain
	protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF IN	/ENTOR
Inventor:	Tadasuke Abe Date: July 13, 2014
Signature: Tadas	ufee Abe

Integration:	ELECTRIC-DRIVE VEHICLE STRUCTURE
	d inventor, I hereby declare that:
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ASSIGNEE, make all	rightful caths 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.
LEGAL NAME OF IN	
Inventor:	- C/
Signature: <u>Kaze</u>	ki HiroZa
	ATTY DOCKET NO.: MZD183038

PATENT REEL: 046849 FRAME: 0718

RECORDED: 09/12/2018