PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6258848

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TATSUNORI KIYOMIHARA	08/03/2020
HIROSATO IZUMI	07/31/2020
NAOKI NAGANO	07/31/2020
HIROTAKA KITAOKA	07/31/2020

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:	16990641

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:	MZD203019
NAME OF SUBMITTER:	MINH NGO
SIGNATURE:	/Minh Ngo/
DATE SIGNED:	08/19/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

PATENT REEL: 053543 FRAME: 0975

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PATENT REEL: 053543 FRAME: 0976

Title of Invention:	COOLING SYSTEM FOR ELECTRIC DRIVE VEHICLE
As the below name	I inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	United States application or PCT international application number 16/990,641 filed on August 11, 2020
The above-identifie	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, 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 at 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 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 a 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. In an analysis of 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: Tats	unori KIYOMIHARA Date: August 03, 2020
Signature: T. Ki	yomihara
	ATTY DOCKET NO.: MZD203019

PATENT REEL: 053543 FRAME: 0977

Title of Invention:	COOLING SYSTEM FOR ELECTRIC DRIVE VEHICLE
As the below named	l inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	United States application or PCT international application number 16/990,641 filed on August 11, 2020,
The above-identified	d application was made or authorized to be made by me.
believe that am tl	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, 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 at 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 pol and extensions ther I hereby authorized any and all of said Letto the same, for the Further, I agree to invention, and testiff and reissue applicated 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 and interest in and to any and all Letters Patent which may be granted therefor in the United States ssessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations eof. The 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 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 IN	/ENTOR
	Hirosato IZUMI Date: July 31, 2020
Signature: 14	tunn
	ATTY COCKET NO. MEDOCOCIO

PATENT REEL: 053543 FRAME: 0978

Title of	COOLING SYSTEM FOR ELECTRIC DRIVE VEHICLE
Invention:	COOLING 3131 SIM LOW STECT VIC DATAE AFUICTE
As the below named	d inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	United States application or PCT International application number 16/990,641 filed on August 11, 2020
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, 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
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-in the entire right, title and its territorial po- and extensions them. I hereby authorize any and all of said L to the same, for the Further, I agree to invention, and testiff and reissue application ASSIGNEE, make all and 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. hat 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
	laoki NAGANO Date: July 31, 2020
Signature: N. A.	Joganis.
	ATTY DOCKET NO. 1470202010

PATENT REEL: 053543 FRAME: 0979

Title of Invention:	COOLING SYSTEM FOR ELECTRIC DRIVE VEHICLE
As the below named	l inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	☐ United States application or PCT international application number 16/990,641 filed on August 11, 2020;
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, trumber 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, 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	
and reissue applicat ASSIGNEE, make all	y in 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 IN	and the second s
Inventor: H	irotaka KITAOKA Date: July 31 2020
Signature: W- W	Tacker
	ATTY DOCKET NO : MZD203019

RECORDED: 08/19/2020

PATENT PASSANCE 1980 PATENT REEL: 053543 FRAME: 0980