PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHINICHI HIKITANI	12/23/2020
NAOKI NAGANO	12/23/2020
YOSHIYUKI YAMASHITA	12/23/2020
YUKIO JO	12/20/2020
YUMA YAMAGA	12/22/2020
SAKUMI HASETO	12/23/2020
SHUNSUKE FUKUDA	12/25/2020
TATSUHIKO IWASAKI	12/23/2020
MICHIYUKI MIURA	12/24/2020
AOI OIZUMI	12/23/2020

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:	17171171

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: MZD203055

506495082 REEL: 055195 FRAME: 0856

PAIENI

	_	
NAME OF SUBMITTER:	MINH NGO	
SIGNATURE:	/Minh Ngo/	
DATE SIGNED:	02/09/2021	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 10		
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Title of Invention:	COOLING DEVICE FOR VEHICLE		
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.		
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.			
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 I invention, and testiff 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 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	/ENTOR		
	hinichi HIKITANI Date: <u>December 23</u> , 2020		
Signature: <u>Shin</u>	richi Ibikitani		

Title of	COOLING DEVICE FOR 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 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.
I authorize the attor	meys and agents associated with Customer Number 145327 to insert the filing date, application number,
and attorney docke	t 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 imprisonme	nt of not more than five (5) years, or both.
	a 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;
1	, 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
and its territorial po	ssessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations
and extensions the	
	e and request the Patent Office officials in the United States and any and all foreign countries to issue
ſ	etters Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and
1	e 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
	fy in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal
	tions, 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
and enforce proper	protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF IN	VENTOR
	Name NACANO Dato: 12/23/2000
inventor: 1	Naoki NAGANO Date: 12/23/2020
Signature: W. A	lagano.
	ATTY DOCKET NO - M7D202055

Invention:	COOLING DEVICE FOR VEHICLE
	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-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, thumber 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 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. The communicate to ASSIGNEE, or its representatives, any facts known to me respecting said 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	/ENTOR
Inventor: Yosh	iyuki YAMASHITA Date: /2/23/2020
Signature: 5	gomati.
	ATTY DOCKET NO - M7D203055

Title of Invention:	COOLING DEVICE FOR VEHICLE
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 numberfiled on;
The above-identifie	d application was made or authorized to be made by me.
I believe that I 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.
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LEGAL NAME OF IN	VENTOR
Inventor:	Yukio JO Date: December 20,2020
Signature:	Gukio GO
	ATTY DOCKET NO.: MZD203055

Title of Invention:	COOLING DEVICE F	OR VEHICLE		
***************************************	d inventor, I hereby de	clare that:	***************************************	
This declaration is directed to:	The attached app	olication, or		
	United States appon		nal application number	filed
The above-identifie	d application was mad	e or authorized to be mad	e by me.	
believe that am tl	he original inventor or	an original joint inventor	of a claimed invention in the a	application.
		iated with Customer Numl identified application who	oer 145327 to insert the filing en known.	date, application number,
·	ge that any willful false nt of not more than fiv		bove declaration is punishabl	e under 18 U.S.C. 1001 by
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 and enforce proper	cho, Aki-gun, Hiroshim, for good and valuable, and transferred, and bidentified invention in e and interest in and tossessions and in any areof. e and request the Pate etters Patent, when give sole use of the ASSIGI that I will communicate fy in any legal proceeding in	a 730-8670, Japan, is designed consideration, the receipty these presents do sell, at the United States and its or any and all Letters Patend all foreign countries, and all foreign countries, and the United States in the United States and assigned, to ASSIGNEE, as the NEE, its successors and assign all lawful papers, estary assignment papers to erally do everything possible.	orporation, having its principal rous of acquiring an interest to and sufficiency of which ar assign, and transfer unto ASSIG territorial possessions and in the which may be granted the din and to any and all division. In a state of the presentatives, any facts know execute all divisional, continuate cause any and all of said Letter to aid ASSIGNEE, its successes and in any and all foreign continuations.	herein; re hereby acknowledged, I sNEE, the full and exclusive all foreign countries, and refor in the United States ns, reissues, continuations foreign countries to issue at, title and interest in and wn to me respecting said tion, substitution, renewal ters Patent to be issued to sors and assigns, to obtain
LEGAL NAME OF INV	VENTOR			
	'uma YAMAGA	Date: December 22 , 2020		
Signature:	ima Yamaza			
		ATTY DOC	KET NO + M7D203055	

Title of Invention:	COOLING DEVICE FOR VEHICLE		
	ed inventor, I hereby declare that:		**************************************
	THE STATE OF THE S		
This declaration is directed to:	The attached application, or		
	United States application or PCT international applic	cation number	filed
	on;		ng.
The above-identifie	ied application was made or authorized to be made by me.		
I believe that I am th	the original inventor or an original joint inventor of a claim	ed invention in the application.	
I authorize the attor	orneys and agents associated with Customer Number 1453;	27 to insert the filing date, applic	ation number,
and attorney docket	et number of the above identified application when knowr	1. '	
I hereby acknowled	dge that any willful false statement made in the above dec	claration is punishable under 18	U.S.C. 1001 by
	ent of not more than five (5) years, or both.	,	
	da Motor Corporation, ("ASSIGNEE"), a Japanese corporation		iusiness at
3-1, Shinchi, Fuchu- NOW, THEREFOR.	u-cho, Aki-gun, Hiroshima 730-8670, Japan, is desirous of ac	equiring an interest therein; of which are hereby as	-knowledged 1
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			
	tle and interest in and to any and all Letters Patent which		
	ossessions and in any and all foreign countries, and in and		
and extensions ther	ereof.		
	ize and request the Patent Office officials in the United St		,
	Letters Patent, when granted, to ASSIGNEE, as the ASSIGN	IEE of my entire right, title and	interest in and
	ne sole use of the ASSIGNEE, its successors and assigns.		_
	that I will communicate to ASSIGNEE, or its representation		
	cify in any legal proceeding, sign all lawful papers, execute all		
	ations, execute all necessary assignment papers to cause as Il rightful oaths and generally do everything possible to aid a	· 1	
	er protection for said invention in the United States and in a		igns, to obtain
		iriy antar ani to sangir asanta i aas	
LEGAL NAME OF INV		, , , , , , , , , , , , , , , , , , ,	
Inventor: S	Sakumi HASETO Date: Documber 23	,2020	
8	Sumi Haseto		
Signature:	AMINIU PAGALLO		
	ATTY DOCKET NO.:	MZD203055	

Title of Invention:	COOLING DEVICE FOR VEHICLE
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 numberfiled on;
The above-identifie	d application was made or authorized to be made by me.
believe that 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 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 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	/ENTOR
Inventor: Sh	unsuke FUKUDA Date: 12.25.2020
Signature: <u>Sh</u>	nsuke Fukuda
	ATTY DOCKET NO : MZD203055

Title of Invention:	COOLING DEVICE FOR VEHICLE						
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LEGAL NAME OF IN	/ENTOR						
Inventor: Tal	suhiko IWASAKI Date: December 23, 2020						
Signature:	intriko-tensaki						
	ATTY DOCKET NO.: MZD203055						

Title of	COOLING DEVICE FOR VEHICLE						
Invention:							
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LEGAL NAME OF IN	VENTOR						
Inventor:N	Michiyuki MIURA Date: Decmber 24,2020						
Signature:							
	ATTY DOCKET NO · MZD203055						

Title of Invention:	COOLING DEVICE FO	R VEHICLE						
As the below named inventor, I hereby declare that:								
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LEGAL NAME OF IN	VENTOR							
	Aoi OIZUMI	Date: flece	phogr 13, 202	2				
Signature:	<u> </u>	-	*					
HV.M.COLUMNY PORTO PROPERTY VIVE SCHOOL	*		ATTY DOCKET N	VO.: MZD203055				

RECORDED: 02/09/2021