504753895 01/30/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4800623

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MINORU MIYATA	01/06/2018
REIICHI SUZUKI	01/06/2018
MASAAKI TANAKA	01/18/2018
MITSUGI FUKAHORI	01/18/2018
TAKASHI OGAWA	01/18/2018

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)
Street Address:	2-4, Wakinohama-Kaigandori 2-chome, Chuo-ku
City:	Kobe-shi, Hyogo
State/Country:	Japan
Postal Code:	651-8585
Name:	MAZDA MOTOR CORPORATION
Name: Street Address:	MAZDA MOTOR CORPORATION 3-1, SHINCHI, FUCHU-CHO
Street Address:	3-1, SHINCHI, FUCHU-CHO

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15748868

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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: (703) 413-3000

Email: cstankich@oblon.com

Correspondent Name: OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 510802US

PATENT REEL: 044771 FRAME: 0533

504753895

NAME OF SUBMITTER:	CYNTHIA STANKICH
SIGNATURE:	/Cynthia Stankich/
DATE SIGNED:	01/30/2018
Total Attachments: 5	
source=510802USAssignment#page1.tif	
source=510802USAssignment#page2.tif	
source=510802USAssignment#page3.tif source=510802USAssignment#page4.tif	
source=510802USAssignment#page5.tif	

Title of Invention	GAS-SHIELDED ARC WELDING METHOD	
As the below name	d inventor, I hereby declare that:	
This declaration [The attached application, or	
is directed to:	United States application or PCT international application July 27, 2016	cation number PCT/JP2016/071977
The above-identifie	ed application was made or authorized to be made by n	ne.
I believe that I am t	he original inventor or an original joint inventor of a c	laimed invention in the application.
WHEREAS, Kab	oushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.) and	Mazda Motor Corporation
Chuo-ku, Kobe-shi respectively are des	d to as "ASSIGNEES") having places of business at <u>Hyogo 651-8585 Japan, and 3-1, Shinchi, Fuchu-ch</u> sirous of jointly acquiring interests in the entire right, tres Patent that may be granted therefore in the United countries;	o, Aki-gun, Hiroshima 730-8670, Japan, itle and interest in and to said invention and
acknowledged, and said ASSIGNEES, and in all foreign cother relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOLLA for other good and valuable consideration, I, by thes the full and exclusive right to the said invention in the ountries (including the right to claim priority under the national Treaties and Arrangements from the aforesai my and all Letters Patent which may be granted ther any and all foreign countries and in and to any newals thereof.	se presents do sell, assign and transfer unto United States and its territorial possessions e terms of the International Convention and dapplication) and the entire right, title and refor in the United States and its territorial
any and all foreign assignees of my en their successors and	ze and request the Patent Office Officials in the Unit countries to issue any and all of said Letters Patent, ntire right, title and interest in and to the same, for the d assigns, to the full end of the term for which said I would have been held by me had this Assignment an	when granted, to said ASSIGNEES as the e sole use and behoof of said ASSIGNEES, Letters Patent may be granted, as fully and
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.		
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.		
LEGAL NAME OF	INVENTOR	
Inventor: Minoru	MIYATA	Date: Jan 6, 2018
Signature:	田 单	· • • • • • • • • • • • • • • • • • • •

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Invention	GAS-SHIELDED ARC WELDING METHOD	
As the below named in	ventor, I hereby declare that:	
This declaration T	he attached application, or	
	Inited States application or PCT international application number PCT/JP2016/071977 iled on July 27, 2016	
The above-identified a	pplication was made or authorized to be made by me.	
I believe that I am the	original inventor or an original joint inventor of a claimed invention in the application.	
WHEREAS, Kabush	niki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.) and Mazda Motor Corporation	
Chuo-ku, Kobe-shi, H respectively are desiro	o as "ASSIGNEES") having places of business at: 2-4, Wakinohama-Kaigandori 2-chome, yogo 651-8585 Japan, and 3-1, Shinchi, Fuchu-cho, Aki-gun, Hiroshima 730-8670, Japan, us of jointly acquiring interests in the entire right, title and interest in and to said invention and Patent that may be granted therefore in the United States and its territorial possessions and in untries;	
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) 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, substitutions and renewals thereof.		
any and all foreign co assignees of my entire their successors and as	and request the Patent Office Officials in the United States and its territorial possessions and untries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the eright, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, ssigns, to the full end of the term for which said Letters Patent may be granted, as fully and buld have been held by me had this Assignment and sale not been made.	
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.		
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.		
LEGAL NAME OF IN	/	
Inventor: Reiichi SU	ZUKI Date: 72(\$ / . 6	
Signature:	Top-	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Title of Invention	GAS-SHIELDED ARC WELDING METHOD	
As the below name	d inventor, I hereby declare that:	
This declaration [The attached application, or	
is directed to:	United States application or PCT international app filed on July 27, 2016	lication number PCT/JP2016/071977
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.
(hereinafter referre Chuo-ku, Kobe-shi respectively are des	dushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.) and to as "ASSIGNEES") having places of business Hyogo 651-8585 Japan, and 3-1, Shinchi, Fuchu-tirous of jointly acquiring interests in the entire right Patent that may be granted therefore in the Unite countries;	at: 2-4, Wakinohama-Kaigandori 2-chome, cho, Aki-gun, Hiroshima 730-8670, Japan, title and interest in and to said invention and
acknowledged, and said ASSIGNEES, and in all foreign cother relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOLI for other good and valuable consideration, I, by the the full and exclusive right to the said invention in the countries (including the right to claim priority under national Treaties and Arrangements from the afores my and all Letters Patent which may be granted the any and all foreign countries and in and to an newals thereof.	he be presents do sell, assign and transfer unto the United States and its territorial possessions the terms of the International Convention and the aid application) and the entire right, title and therefor in the United States and its territorial
any and all foreign assignees of my er their successors an	ze and request the Patent Office Officials in the Ur countries to issue any and all of said Letters Pater ntire right, title and interest in and to the same, for t d assigns, to the full end of the term for which said would have been held by me had this Assignment	nt, when granted, to said ASSIGNEES as the the sole use and behoof of said ASSIGNEES, I Letters Patent may be granted, as fully and
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.		
	rledge that any willful false statement made in this dement of not more than five (5) years, or both.	eclaration is punishable under 18 U.S.C. 1001
LEGAL NAME OF	FINVENTOR	
Inventor: Masaak	i TANAKA	Date: January 18, 2018
Signature: /	Masaaki Tanaka	•

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Title of Invention	GAS-SHIELDED ARC WELDING METHOD	
As the below name	d inventor, I hereby declare that:	
This declaration [The attached application, or	
is directed to:	United States application or PCT international ap filed on July 27, 2016	pplication number PCT/JP2016/071977
The above-identifie	d application was made or authorized to be made b	by me.
I believe that I am t	he original inventor or an original joint inventor of	f a claimed invention in the application.
WHEREAS, Kab	ushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.) a	and Mazda Motor Corporation
Chuo-ku, Kobe-shi respectively are des	It to as "ASSIGNEES") having places of business, Hyogo 651-8585 Japan, and 3-1, Shinchi, Fuchu irous of jointly acquiring interests in the entire rights Patent that may be granted therefore in the Unicountries;	u-cho, Aki-gun, Hiroshima 730-8670, Japan cht, title and interest in and to said invention and
acknowledged, and said ASSIGNEES, and in all foreign co other relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOI for other good and valuable consideration, I, by the full and exclusive right to the said invention in puntries (including the right to claim priority under national Treaties and Arrangements from the aforemy and all Letters Patent which may be granted to any and all foreign countries and in and to a newals thereof.	these presents do sell, assign and transfer unto in the United States and its territorial possessions er the terms of the International Convention and resaid application) and the entire right, title and therefor in the United States and its territoria
any and all foreign assignees of my er their successors and	ze and request the Patent Office Officials in the U countries to issue any and all of said Letters Pate tire right, title and interest in and to the same, for d assigns, to the full end of the term for which sa would have been held by me had this Assignment	tent, when granted, to said ASSIGNEES as the or the sole use and behoof of said ASSIGNEES aid Letters Patent may be granted, as fully and
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.		
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.		
LEGAL NAME OF	INVENTOR	
Inventor: Mitsugi	FUKAHORI	Date: January 18, 2018
Signature:	1. tsugi Fukahori	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Invention	GAS-SHIELDED ARC WELDING METHOD	
As the below name	d inventor, I hereby declare that:	
This declaration [The attached application, or	
is directed to:	United States application or PCT international application number PCT/JP2016/071977 filed on July 27, 2016	
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.	
WHEREAS, Kab	ushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.) and Mazda Motor Corporation	
Chuo-ku, Kobe-shi respectively are des	d to as "ASSIGNEES") having places of business at: <u>2-4, Wakinohama-Kaigandori 2-chome, Hyogo 651-8585 Japan, and 3-1, Shinchi, Fuchu-cho, Aki-gun, Hiroshima 730-8670, Japan</u> , irous of jointly acquiring interests in the entire right, title and interest in and to said invention and rs Patent that may be granted therefore in the United States and its territorial possessions and in countries;	
acknowledged, and said ASSIGNEES, and in all foreign co other relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby for other good and valuable consideration, I, by these presents do sell, assign and transfer unto the full and exclusive right to the said invention in the United States and its territorial possessions countries (including the right to claim priority under the terms of the International Convention and national Treaties and Arrangements from the aforesaid application) and the entire right, title and my and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, newals thereof.	
any and all foreign assignees of my er their successors and	ze and request the Patent Office Officials in the United States and its territorial possessions and countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the stire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and a would have been held by me had this Assignment and sale not been made.	
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.		
	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.	
LEGAL NAME OF	INVENTOR	
Inventor: Takashi	OGAWA Date: January 18, 2018	
Signature: Tak	acht Ogowa	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 044771 FRAME: 0539

RECORDED: 01/30/2018

Title of