504413148 06/14/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YOSHINORI KITANO	03/07/2017
TAKAHIRO SHIOHAMA	03/08/2017
SHINYA ONODA	03/07/2017
MASANOBU SUZUKI	03/08/2017
SHIGERU KIMURA	03/09/2017
YUKINORI KOIE	03/09/2017

RECEIVING PARTY DATA

Name:	YAZAKI CORPORATION	
Street Address:	4-28 MITA 1-CHOME, MINATO-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	108-8333	
Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA	
Street Address:	1, TOYOTA-CHO	
City:	TOYOTA-SHI, AICHI	
State/Country:	JAPAN	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15535854

CORRESPONDENCE DATA

Fax Number: (202)293-7068

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: 202-293-7060

Email: sughrue@sughrue.com, bgalvez@sughrue.com

Correspondent Name: SUGHRUE MION, PLLC

Address Line 1: 2100 PENNSYLVANIA AVENUE, N.W.

Address Line 2: SUITE 800

Address Line 4: WASHINGTON, D.C. 20037

504413148 REEL: 042707 FRAME: 0108

ATTORNEY DOCKET NUMBER:	Q233292	
NAME OF SUBMITTER:	BYRON F. GALVEZ	
SIGNATURE:	/Byron Galvez/	
DATE SIGNED:	06/14/2017	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 12

source=Q233292AssignmentwithDeclarationexecutedasfiled#page1.tif source=Q233292AssignmentwithDeclarationexecutedasfiled#page3.tif source=Q233292AssignmentwithDeclarationexecutedasfiled#page3.tif source=Q233292AssignmentwithDeclarationexecutedasfiled#page4.tif source=Q233292AssignmentwithDeclarationexecutedasfiled#page5.tif source=Q233292AssignmentwithDeclarationexecutedasfiled#page6.tif source=Q233292AssignmentwithDeclarationexecutedasfiled#page7.tif source=Q233292AssignmentwithDeclarationexecutedasfiled#page8.tif source=Q233292AssignmentwithDeclarationexecutedasfiled#page9.tif source=Q233292AssignmentwithDeclarationexecutedasfiled#page10.tif source=Q233292AssignmentwithDeclarationexecutedasfiled#page11.tif source=Q233292AssignmentwithDeclarationexecutedasfiled#page11.tif source=Q233292AssignmentwithDeclarationexecutedasfiled#page12.tif

Docket No.: Claiming Foreign Priority

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and

Whereas, Yazaki Corporation of 4-28 Mita 1-chome, Minato-ku, Tokyo 108-8333 Japan and TOYOTA JIDOSHA KABUSHIKI KAISHA of 1, Toyota-cho, Toyota-shi, Aichi, 471-8571 Japan, (assignees), desire to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor; Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

As the below named inventor, I hereby declare that:				
This assignment with declaration is directed to:		The attached application, or		
		United States Application or PCT International Application Number <u>PCT/JP2015/085388</u> filed on December 17, 2015 (Confirmation No.).		
The application is entitled:				
FUSE UNIT				
The above identified application was m	ade o	r was 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.				
I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.				
I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.				
I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.				

Authorization To Permit Access To Application by Participating Office

■ If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified application is filed to have access to the application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the application-as-filed with respect to: 1) the above-identified patent application-as-filed, 2) any foreign application to which the above-identified application claims priority under 35 USC 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application, and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Office.

NAME OF SOLE OR FIRST INVENTOR:			
Given Name			
(first and middle [if any]) Yoshinori	Family Name or Surname KITANO		
Inventor's signature Yoshinori Kitanu	Date March 7, 2017		
Residence: Shizuoka, Japan			
c/o Yazaki Parts Co., Ltd. Mailing Address: 1500, Mishuku, Susono-shi, Shizuoka 410-1194 Jap	oan .		
NAME OF SECOND INVENTOR;			
Given Name (first and middle [if any]) Takahiro	Family Name or Surname SHIOHAMA		
Inventor's signature	Date		
Residence: Shizuoka, Japan	•		
c/o Yazaki Parts Co., Ltd. Mailing Address: 1500, Mishuku, Susono-shi, Shizuoka 410-1194 Japa	n		
NAME OF THIRD INVENTOR:			
Given Name (first and middle [if any]) Shinya	Family Name or Surname ONODA		
Inventor's signature	Date		
Residence: Shizuoka, Japan			
c/o Yazaki Parts Co., Ltd. Mailing Address: 206-1, Nunohikihara, Makinohara-shi, Shizuoka 421-	0407 JAPAN		
NAME OF FOURTH INVENTOR:			
Given Name (first and middle [if any]) Masanobu	Family Name or Surname SUZUKI		
Inventor's signature	Date		
Residence: Okazaki-shi, Aichi-ken, Japan			
Mailing c/o TOYOTA JIDOSHA KABUSHIKI KAISHA Address: 1, Toyota-cho, Toyota-shi, Aichi, 471-8571 Japan			
NAME OF FIFTH INVENTOR:			
Given Name	Family Name or Surname KIMURA		
Singera	Lamily Name of Surhamo Kilvioka		
Inventor's signature	Date		
Residence: Okazaki-shi, Aichi-ken, Japan			
Mailing c/o TOYOTA JIDOSHA KABUSHIKI KAISHA Address: 1, Toyota-cho, Toyota-shi, Aichi, 471-8571 Japan			

NAME OF SIXTH INVENT	OR:		
Given Name (first and middle [if any])	Yukinori		Family Name or Surname KOIE
Inventor's signature	Yukinori	Kose	Date March 9, 2017
Residence: Okazaki-shi, A	Aichi-ken, Japan		
Mailing c/o TOYOTA JIDOSHA KABUSHIKI KAISHA Address: 1, Toyota-cho, Toyota-shi, Aichi, 471-8571 Japan			

Docket No.: Claiming Foreign Priority

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and

Whereas, Yazaki Corporation of 4-28 Mita 1-chome, Minato-ku, Tokyo 108-8333 Japan and TOYOTA JIDOSHA KABUSHIKI KAISHA of 1, Toyota-cho, Toyota-shi, Aichi, 471-8571 Japan, (assignees), desire to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor; Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

As the below named inventor, I hereby declare that:

This assignment with declaration is directed to:

United States Application or PCT International Application Number PCT/JP2015/085388 filed on December 17, 2015 (Confirmation No._____).

The application is entitled:

The above identified application was made or was 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.

I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

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NAME OF SOLE OR FIRST INVENTOR:				
Given Name				
(first and middle [if any]) Yoshinori	Family Name or Surname KITANO			
Inventor's signature	Date			
Residence: Shizuoka, Japan				
c/o Yazaki Parts Co., Ltd. Mailing Address: 1500, Mishuku, Susono-shi, Shizuoka 410-1194 Jap	oan			
NAME OF SECOND INVENTOR:				
Given Name (first and middle [if any]) Takahiro	Family Name or Surname SHIOHAMA			
Inventor's signature Jakahire Shiohama	Date March. 8. 2017			
Residence: Shizuoka, Japan				
c/o Yazaki Parts Co., Ltd. Mailing Address: 1500, Mishuku, Susono-shi, Shizuoka 410-1194 Japa	an			
NAME OF THIRD INVENTOR:				
Given Name (first and middle [if any]) Shinya	Family Name or Surname ONODA			
Inventor's signature Shinya anoda	Date March 7,2017			
Residence: Shizuoka, Japan				
c/o Yazaki Parts Co., Ltd. Mailing Address: 206-1, Nunohikihara, Makinohara-shi, Shizuoka 421	-0407 JAPAN			
NAME OF FOURTH INVENTOR:				
Given Name (first and middle [if any]) Masanobu	Family Name or Surname SUZUKI			
Inventor's signature	Date			
Residence: Okazaki-shi, Aichi-ken, Japan				
Mailing c/o TOYOTA JIDOSHA KABUSHIKI KAISHA Address: 1, Toyota-cho, Toyota-shi, Aichi, 471-8571 Japan				
NAME OF FIFTH INVENTOR:				
Given Name (first and middle [if any]) Shigeru	Family Name or Sumame KIMURA			
Inventor's signature Date				
Residence: Okazaki-shi, Aichi-ken, Japan				
Mailing c/o TOYOTA JIDOSHA KABUSHIKI KAISHA				
Address: 1, Toyota-cho, Toyota-shi, Aichi, 471-8571 Japan				

PATENT

NAME OF S	IXTH INVENTOR:	
Given Name (first and mide	dle [if any]) Yukinori	Family Name or Surname KOIE
Inventor's sign	nature	Date
Residence:	Okazaki-shi, Aichi-ken, Japan	
Mailing Address:	c/o TOYOTA JIDOSHA KABUSHIKI KAISHA 1, Toyota-cho, Toyota-shi, Aichi, 471-8571 Japan	

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NAME OF SOLE OR FIRST INVENTOR:				
Given Name				
(first and middle [if any]) Yoshinori	Family Name or Surname KITANO			
Inventor's signature	Date			
THE STATE OF THE S	Dav			
Residence: Shizuoka, Japan				
c/o Yazaki Parts Co., Ltd.				
Mailing Address: 1500, Mishuku, Susono-shi, Shizuoka 410-1194 Jap NAME OF SECOND INVENTOR:	an			
Given Name				
(first and middle [if any]) Takahiro	Family Name or Surname SHIOHAMA			
Inventor's signature	Date			
Residence: Shizuoka, Japan				
c/o Yazaki Parts Co., Ltd.				
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Inventor's signature	Date			
involted 5 Signature	Date			
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Mailing Address: 206-1, Nunohikihara, Makinohara-shi, Shizuoka 421-	-0407 JAPAN			
NAME OF FOURTH INVENTOR:				
Given Name (first and middle [if any]) Masanobu	Family Name or Surname SUZUKI			
	Family Name or Surname SUZUKI			
Inventor's signature Masanobu signki	Date March. 8. 2017			
Residence: Okazaki-shi, Aichi-ken, Japan Mailing c/o TOYOTA JIDOSHA KABUSHIKI KAISHA				
Address: 1, Toyota-cho, Toyota-shi, Aichi, 471-8571 Japan				
NAME OF FIFTH INVENTOR:				
Given Name (first and middle [if any]) Shigeru	Family No. 10 Magnet			
(first and middle [if any]) Shigeru	Family Name or Surname KIMURA			
Inventor's signature Date				
Residence: Okazaki-shi, Aichi-ken, Japan				
Mailing c/o TOYOTA JIDOSHA KABUSHIKI KAISHA				
Address: 1, Toyota-cho, Toyota-shi, Aichi, 471-8571 Japan				

NAME OF SIXTH INVENTOR:						
Given Name (first and mid	dle [if any]) Yukinori	Family Name or Surname	KOIE			
Inventor's signature		Date				
Residence:	Okazaki-shi, Aichi-ken, Japan					
Mailing Address:	c/o TOYOTA JIDOSHA KABUSHIKI KAISHA 1, Toyota-cho, Toyota-shi, Aichi, 471-8571 Japan					

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Given Name							
(first and middle [if any]) Yoshinori	Family Name or Surname KITANO						
Inventor's signature	Date						
Residence: Shizuoka, Japan							
c/o Yazaki Parts Co., Ltd. Mailing Address: 1500, Mishuku, Susono-shi, Shizuoka 410-1194 Japan							
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Given Name (first and middle [if any]) Takahiro	Family Name or Surname SHIOHAMA						
Inventor's signature	Date						
Residence: Shizuoka, Japan							
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NAME OF THIRD INVENTOR:							
Given Name (first and middle [if any]) Shinya	Family Name or Surname ONODA						
Inventor's signature Date							
Residence: Shizuoka, Japan							
c/o Yazaki Parts Co., Ltd. Mailing Address: 206-1, Nunohikihara, Makinohara-shi, Shizuoka 421-0407 JAPAN							
NAME OF FOURTH INVENTOR:							
Given Name first and middle [if any]) Masanobu Family Name or Surname SUZUKI							
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NAME OF FIFTH INVENTOR:							
Given Name (first and middle [if any]) Shigeru Family Name or Surname KIMURA							
Inventor's signature Kimura Thisert Shiger Kimura Date March 9, 2017							
Residence: Okazaki-shi, Aichi-ken, Japan							
Mailing c/o TOYOTA JIDOSHA KABUSHIKI KAISHA Address: 1, Toyota-cho, Toyota-shi, Aichi, 471-8571 Japan							

NAME OF SIXTH INVENTOR:						
Given Name (first and middle [if any]) Yukinori		Family Name or Surname KOIE				
Inventor's signature		Date				
Residence:	Okazaki-shi, Aichi-ken, Japan					
Mailing Address:	c/o TOYOTA JIDOSHA KABUSHIKI KAISHA 1, Toyota-cho, Toyota-shi, Aichi, 471-8571 Japan					

[Page 3]