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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHIHARU OKADA	05/23/2017
SHIGEYUKI UEHARA	05/23/2017
MAKOTO SHIDA	05/26/2017
JUN WATANABE	05/31/2017
SHINICHI NAKAYAMA	06/06/2017

RECEIVING PARTY DATA

Name:	MAZDA MOTOR CORPORATION
Street Address:	3-1, SHINCHI, FUCHU-CHO, AKI-GUN
City:	HIROSHIMA
State/Country:	JAPAN
Postal Code:	730-8670
Name:	HITACHI AUTOMOTIVE SYSTEMS, LTD.
Name: Street Address:	HITACHI AUTOMOTIVE SYSTEMS, LTD. 2520, TAKABA, HITACHINAKA-SHI,
	·
Street Address:	2520, TAKABA, HITACHINAKA-SHI,

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15538795

CORRESPONDENCE DATA

Fax Number: (202)721-8250

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.

202-721-8200 Phone:

Email: wlp@wenderoth.com

Correspondent Name: WENDEROTH, LIND & PONACK, L.L.P.

1030 15TH STREET, N.W. Address Line 1:

Address Line 2: SUITE 400 EAST

Address Line 4: WASHINGTON, D.C. 20005

> **PATENT** REEL: 042786 FRAME: 0977

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ATTORNEY DOCKET NUMBER:	2017-1033A
NAME OF SUBMITTER:	KELLY FORE
SIGNATURE:	/Kelly Fore/
DATE SIGNED:	06/22/2017
Total Attachments: 3 source=AttachC1 DEC-ASSIGN#page	ue1.tif

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PATENT REEL: 042786 FRAME: 0978

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT Title of DISC BRAKE Invention As the below nazmed inventor, I hereby declare that: This declaration is directed to: The attached application, or United States application or PCT international application number PCT/JP2015/086189 filed on December 25, 2015. The above-identified application 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. 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. Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56." In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid, I hereby sell and assign to Mazda Motor Corporation and Hitachi Automotive Systems, Ltd. (Name of Assignee) of 3-1, Shinchi, Fuchu-cho, Aki-gun, Hiroshima 730-8670 Japan and 2520, Takaba, Hitachinaka-shi, Ibaraki 312-8503 Japan (address of Assignee) (hereinafter designated as the Assignee) my entire right, title and interest for the United States as defined in 35 USC 100, for any invention set forth in the above-identified application. I agree to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional or reissue applications thereof and also to

execute separate assignments in connection with such applications as the Assignee may deem

necessary or expedient.

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I agree to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.				
I agree to execute all papers and documents and perform any act which may be necessary is connection with claims or provisions of the International Convention for Protection of Industrian Property or similar agreements.				
I agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.				
I hereby authorize and request the USPTO to issue any and all Letters Patents of the United States resulting from the application or any continuation, divisional or reissue applications thereof to the Assignee, as Assignee of my entire interest, and covenant that I have not executed, and will not execute, any agreement in conflict herewith.				
I hereby grant the firm of Wenderoth Lind & Ponack, L.L.P., the power to insert on this document any further identification which may be necessary or desirable.				
Inventor (Legal Name): Michiharu OKADA				
Signature: Michiham Okada Date:				
Date:				
Inventor (Legal Name): Shigevuki UEHARA				
Signature: Shiqeyaki Vehara Date:				
Date:				

Inventor (Legal Name): Makoto SHIDA		
Signature: MAKOTO SHIĐA		
Date: 20/7. 5.26		
Inventor (Legal Name): Jun WATANABE		
Signature: <u>Jun Watanabe</u>		
Date: 2017, 5, 3		
Inventor (Legal Name): Shinichi NAKAYAMA		
Signature: Shinichi Nalcayama		
Date: 2017. 6.6		
Witness (Optional) Sakurako Shida		
Witness (Optional) Sautomn Konuma		

PATENT REEL: 042786 FRAME: 0981