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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
SATOSHI HAGINOYA	11/12/2019

RECEIVING PARTY DATA

Name:	SUBARU CORPORATION	
Street Address:	1-20-8, EBISU, SHIBUYA-KU	
City:	TOKYO	
State/Country:	JAPAN	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16735288

CORRESPONDENCE DATA

Fax Number: (202)756-8087

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: 202-756-8000

Email: rfeimster@mwe.com, ipdocketmwe@mwe.com,

wdcipptsclerks@mwe.com

Correspondent Name: TOMOKI TANIDA

Address Line 1: MCDERMOTT WILL & EMERY LLP Address Line 2: 500 NORTH CAPITOL STREET, N.W.

Address Line 4: WASHINGTON, D.C. 20001

ATTORNEY DOCKET NUMBER:	086551-0428	
NAME OF SUBMITTER:	RENELL FEIMSTER FOR TOMOKI TANIDA	
SIGNATURE:	/Renell Feimster for Tomoki Tanida/	
DATE SIGNED:	01/07/2020	

Total Attachments: 4

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> REEL: 051437 FRAME: 0306 505850767

PATENT

Docket No. 086551-0428 (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

: Customer Number: 20277 In re Patent Application of:

Satoshi HAGINOYA

Application No.: Not Yet Assigned : Confirmation No.: Not Yet Assigned

: Art Unit: N/A Filed: January 6, 2020

For: CATALYST WARNING APPARATUS : Examiner: Not Yet Assigned

STATEMENT REGARDING ENGLISH TRANSLATION OF DECLARATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

I, Tomoki Tanida, am fluent in Japanese and I hereby certify that the attached English translation of the Declaration is an accurate translation.

Respectfully submitted,

ala-trech

MCDERMOTT WILL & EMERY LLP

/Tomóki Tanida/

Tomoki Tanida

Registration No. 60,453

Please recognize our Customer No. 20277 as 500 North Capitol Street, N.W Washington, DC 20001

our correspondence address.

Phone: (202) 756-8196 TT:rgf Facsimile: (202) 756-8087 Date: January 6, 2020

COMBINED DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

特許出願の宣誓書および譲渡書

As a below named inventor, I hereby declare that:

私は、下記に記名された発明者として、以下について宣誓する:

I believe I am the original or an original joint inventor of a claimed invention in the application for which a patent is sought on the invention entitled:

私は、下記の名称の発明について、特許が求められている、本顧の請求項に係る発明のもともとの発明者、または、もともとの共同発明者である:

	CATALYST WARMING APPARATUS
-	declaration is directed to: 宣營書は:
X	the attached application, or 添付された出願、または
	United States application number or PCT international application number filed on に出願された米国出願もしくは PCT 国際出願番号 に宛てられている。

The above-identified application was made or authorized to be made by me.

上記の出願は、私自身、または私が権限を授与したものによって行われたものである。

In the event that the filing date and/or application number are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request the registered practitioners of **McDermott Will & Emery LLP**, associated with the Customer Number 20277, to insert above the filing date and/or application number of the application.

私がこの文書に署名する際に出願日および/または出願番号が記入されていない場合であって、その情報が必要であると認められる場合、私は、カスタマーナンバー20277の McDermott Will & Emery LLP の登録実務家が、本願の出願日および/または出願番号を記入すること承認する。

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.

本宣誓書において、故意に虚偽の申立を行った場合は、18 U.S.C. 1001 により、罰金、最高 5 年の禁 園別、またはその何方の対象となることを認める。

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ASSIGNMENT 議維書

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned, who have made a certain new and useful invention, hereby sell, assign and transfer unto

SUBARU CORPORATION

having an address at 1-20-8, Ebisu, Shibuya-ku, Tokyo, Japan

(hereinafter designated as the Assignee), its successors and assigns the entire right, title and interest for the United States of America as defined in 35 U.S.C. § 100 in the invention described in the application identified in this document, and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the Assignee, for its interest as Assignee, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in the application shall hereafter act on behalf of the Assignee;

新規かつ有用な発明をした署名者は、既述の事項および有効な約因が十分であることを確認し、ここ に、上記の住所を持つ譲受人。その相続人および承継人に対し、この文書で特定された出願に開示さ れた発明につき、35 U.S.C. §100 で定義されるアメリカ合衆国における、全ての権利。所有権、およ び利益を譲渡し、署名者は、特許庁長官に対し、その発明についての全ての米国特許権、および全て の存続期間の延長特許、分割出願の特許、再発行特許、代替出願の特許、更新出願の特許、継続出願 の特許、または一部継続出類の特許の発行を要請し、さらに、工業所有権の保護に関する国際条約の 下で認められる全ての利益に対する権利を、譲受人、その相続人、その承継人に譲渡および移転する。 署名者は、本願の代理人が、譲受人を代理することに同意する。

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the Assignee, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the Assignee, its successors, assigns and legal representatives, deemed essential to Assignee's full protection and title in and to the invention hereby transferred.

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Legal name of first inventor		
Satoshi HAGINOYA		
First inventor's signature	Dete	
Litera Veginiya	Normalien 12 - 2019	
Legal name of second inventor, if any		
Second inventor's signature	Date	
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Legal name of third inventor, if any		
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Third inventor's signature	Date	
Legal name of fourth inventor, if any		
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Fourth inventor's signature	Date	
Legal name of fifth inventor, if any		
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Fifth inventor's signature	1346	
Legal name of sixth inventor, if any		
Sixth inventor's signature	Dele	
Logal name of seventh inventor, if any		
Seventh inventor's signature	Date	
Legal name of eighth inventor, if any		
	Date	
Legal name of ninth inventor, if any		
Ninth inventor's signature	Date	
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