505377979 03/15/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
YUI SUDO	03/07/2019

RECEIVING PARTY DATA

Name:	HONDA MOTOR CO., LTD.	
Street Address:	1-1, MINAMI-AOYAMA 2-CHOME	
Internal Address:	MINATO-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	107-8556	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16354804

CORRESPONDENCE DATA

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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: 2165669700

Email: almasy@rankinhill.com

Correspondent Name: RANKIN HILL AND CLARK LLP

Address Line 1: 38210 GLENN AVENUE
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ATTORNEY DOCKET NUMBER:	YOS-45506
NAME OF SUBMITTER:	DAVID E. SPAW
SIGNATURE:	/David E. Spaw/
DATE SIGNED:	03/15/2019

Total Attachments: 2

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PATENT 505377979 REEL: 048614 FRAME: 0320

ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

ABNORMAL SOUND DETECTION APPARATUS AND DETECTION METHOD

that are the subject of	of an application	for a U.S. Patent,	(identified as Application No.
16/354804	filed on	03/15/2019), which application is
still further identified	as Rankin, Hill 8	& Clark LLP Docke	t No. YOS-45506 .

WHEREAS, Honda Motor Co., Ltd., a corporation of Japan, and having a place of business at 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, 107-8556 Japan, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Rankin, Hill & Clark LLP the power to insert on this assignment any identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

REEL: 048614 FRAME: 0321

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IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Inventor Name (sole or joint): Yui SUDO		
Signature: Swd o		
Today's Date: March 7, 2019		
Witness:		
Witness:		
Inventor Name (joint):		
Signature:		
Today's Date:		
Witness:		
Witness:		
Inventor Name (joint):		
Signature:		
Today's Date:		
Witness:		
Witness:		

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REEL: 048614 FRAME: 0322

RECORDED: 03/15/2019