#### 504207537 02/01/2017

# PATENT ASSIGNMENT COVER SHEET

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**SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT** 

#### **CONVEYING PARTY DATA**

Name	Execution Date
HEISUKE KOBAYASHI	01/12/2017
NORIKAZU KAWAI	01/13/2017

### **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:	15421705

# 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.

2165669700 Phone:

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RANKIN HILL AND CLARK LLP **Correspondent Name:** 

Address Line 1: 38210 GLENN AVENUE Address Line 4: WILLOUGHBY, OHIO 44094

ATTORNEY DOCKET NUMBER: KAI-41844 NAME OF SUBMITTER: DAVID E. SPAW SIGNATURE: /David E. Spaw/ **DATE SIGNED:** 02/01/2017

**Total Attachments: 2** 

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> **PATENT** REEL: 041145 FRAME: 0844 504207537

## **ASSIGNMENT**

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

### **TRANSMISSION**

that are the subject of an application for a U.S. Patent, (Application No. 15/421705 , filed 02/01/2017 ), which application is further identified as Rankin, Hill & Clark LLP Docket No. KAI-41844.

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 further identification which 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.

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

Inventor Name	(joint): Heisuke Kobayashi
	Herebke Kolayashi
	Jan (2-2017
Witness:	akio Fukumoto
V VIII 1000.	
Witness:	
Inventor Name	(joint): Norikazu Kawai
Signature:	Norikayu Hawai
Today's Date:	Jan 13. 2017
Witness:	Takio Fukumoto
Witness:	

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**RECORDED: 02/01/2017**