

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
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CORRESPONDENCE DATA																	
Fax Number:	(216)566-9711																
Phone:	2165669700																
Email:	almasy@rankinhill.com																
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>																	
Correspondent Name:	RANKIN HILL AND CLARK LLP																
Address Line 1:	38210 GLENN AVENUE																
Address Line 4:	WILLOUGHBY, OHIO 44094																

NAME OF SUBMITTER:	DAVID E. SPAW
Signature:	/David E. Spaw/
Date:	01/03/2014
<b>Total Attachments: 3</b> source=37621assignment#page1.tif source=37621assignment#page2.tif source=37621assignment#page3.tif	

## ASSIGNMENT

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

that are the subject of an application for a U.S. Patent, (Application No. 14/127007, filed 12/17/2013), which application is further identified as Rankin, Hill & Clark LLP Docket No.. OSH-37621.

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, 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.

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

(1) Inventor Name (joint): Kohei MARUYAMA

Signature: Kohei Maruyama

Today's Date: Sep 6, 2013

Witness: Mitsuru Torihata

Witness: Takao Fukumoto

(2) Inventor Name (joint): Toshihiko SATO

Signature: Toshihiko Sato

Today's Date: Sep. 19 2013

Witness: Mitsuru Torihata

Witness: Takao Fukumoto

(3) Inventor Name (joint): Takayuki YOSHIMURA

Signature: Takayuki Yoshimura

Today's Date: Sep 17, 2013

Witness: Mitsuru Torihata

Witness: Takao Fukumoto

(4) Inventor Name (joint): Hideto NEBUYA

Signature: Hideto Nebuya

Today's Date: Sep 17, 2013

Witness: Mitsuru Torihata

Witness: Takao Fukumoto

(5) Inventor Name (joint): Naoto SEN  
Signature: Naoto Sen  
Today's Date: Sep. 18. 2013

Witness: Mitsuru Torikata  
Witness: Takao Fukushima

(6) Inventor Name (joint): Susumu IWAMOTO  
Signature: Susumu Iwamoto  
Today's Date: Sep 5, 2013

Witness: Mitsuru Torikata  
Witness: Takao Fukushima

(7) Inventor Name (joint): Kenji HATTORI  
Signature: Kenji Hattori  
Today's Date: Oct. 3. 2013

Witness: Mitsuru Torikata  
Witness: Takao Fukushima