PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2778559

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TORU TAKENAKA	12/25/2013
HIROSHI GOMI	12/26/2013
HIROYUKI MAKINO	12/26/2013
KAZUSHI AKIMOTO	12/26/2013
NAOYUKI SAITO	01/06/2014

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:	14220686

CORRESPONDENCE DATA

Fax Number: (216)566-9711

Correspondence will be sent to the e-mail address first; 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

Address Line 4: WILLOUGHBY, OHIO 44094

ATTORNEY DOCKET NUMBER:	SAT-37935
NAME OF SUBMITTER:	DAVID E. SPAW
SIGNATURE:	/David E. Spaw/

DATE SIGNED: 03/20/2014

Total Attachments: 3

source=37935assignment#page1.tif

502731953 REEL: 032491 FRAME: 0037

PATENT |

source=37935assignment#page2.tif source=37935assignment#page3.tif

> PATENT REEL: 032491 FRAME: 0038

ASSIGNMENT

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

ľ	VIO	RT	LE	WF	TH:	CT.	Æ

that are the subject of	f an application	for a U.S. Patent,	(identified as Application No.
14/220686	filed on	03/20/2014), which application is
still further identified a	as Rankin, Hill 8	Clark LLP Docke	t No . <u>SAT-37935</u>

WHEREAS, HONDA MOTOR CO., LTD., a corporation 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.

Page 1 of 3

REEL: 032491 FRAME: 0039

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

inventor name (sole of joint). Tota TAKENAKA
Signature: <u>Toru Takenaka</u>
Today's Date: December 25, 2013
Witness:
Witness: No micro
vvitness: <u>Je Maren</u>
Inventor Name (joint): <u>Hiroshi GOMI</u>
Signature: Niroshi Lomi
Today's Date: December 26,2013
Witness:
Witness: 12 miles
Inventor Name (joint): <u>Hiroyuki MAKINO</u> Signature: <u>Hiroyuki Makine</u>
Today's Date: December 26, 2013
Witness:
Witness: No micor
Inventor Name (joint): <u>Kazushi AKIMOTO</u>
Signature: <u>Kazushi Akimoto</u>
Today's Date: December 26, 2013
Witness:
Witness: M muta

REEL: 032491 FRAME: 0040

Signature:	Naoyuki Saito
Today's Date:	January, 6.2014
-	

Page 3 of 3

REEL: 032491 FRAME: 0041