503899691 07/01/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3946342

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| MASATAKA HIRANO | 06/08/2016 |
| TETSUYA MIYAHARA | 06/14/2016 |

RECEIVING PARTY DATA

| Name: | Honda Motor Co., Ltd. | |
|-----------------|----------------------------|--|
| Street Address: | 1-1, Minami-Aoyama 2-chome | |
| City: | Minato-ku, Tokyo | |
| State/Country: | JAPAN | |
| Postal Code: | 107-8556 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | | |
|---------------------|----------|--|--|
| Application Number: | 15107076 | | |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | IIP-310-A |
|-------------------------|--|
| NAME OF SUBMITTER: | JOSEPH P. CARRIER |
| SIGNATURE: | /Joseph P. Carrier/ |
| DATE SIGNED: | 07/01/2016 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

Total Attachments: 4

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PATENT 503899691 REEL: 039067 FRAME: 0016

| Attorney Docket No.: II | P-310-A |
|-------------------------|---------|
|-------------------------|---------|

DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATIONS

| SUB-FRAME STRUCTURE | | | | |
|--|--|--|--|--|
| As a below named inventor / assignor (hereinafter designated as undersigned), I hereby declare that: | | | | |
| This declaration is directed to: | | | | |
| The attached application, | | | | |
| OR | | | | |
| United States Application Number or PCT International Application Number | | | | |
| PCT/JP2014/084317 ; filed on 25 December 2014 . | | | | |

If the application is not attached hereto, the application is as identified by the Attorney Docket Number as set forth above.

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

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.

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.

I hereby claim foreign priority under Title 35, United States Code, Section 119(a)-(d) or 365(b) of any foreign application(s) for patent of inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filling date before that of the application for which priority is claimed.

| Prior Foreign | Country | Foreign Filing | Priority | Certified Co | py Attached? |
|---------------|---------|----------------|-------------|--------------|--------------|
| Application | • | Date | Not Claimed | | |
| Number(s) | | (MM/DD/YYYY) | | YES | NO |
| 2013-272126 | Japan | 12/27/2013 | | | \boxtimes |
| 2013-272135 | Japan | 12/27/2013 | | | \boxtimes |

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below:

| U.S. Provisional Application No. | Filing Date (MM/DD/YYYY) |
|----------------------------------|--------------------------|
| | |
| | |

Direct all correspondence to the address associated with Customer Number: 21828

Joseph P. Carrier, Reg. No. 31,748 William D. Blackman, Reg. No. 32,397 Fulchand P. Shende, Reg. No. 69,558

Jeffrey T. Gedeon, Reg. No. 57,510

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WHEREAS, in consideration of value received, the undersigned sells and assigns to

HONDA MOTOR CO., LTD.

a corporation of Japan, having a place of business at

1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, 107-8556 Japan

respectively, its successors, assigns or nominees, hereinafter referred to as "Assignee", the entire right, title and interest in and to above-identified invention invented by the Assignor and as described in the United States Application Number or PCT International Application Number

U.S. National Phase Patent Application 15/107,076 filed electronically June 21, 2016

(Serial No. and filing date unknown at time of signing, however, Applicant's representative is specifically authorized to insert the relevant serial No. and filing date in the space above as soon as it becomes known)

and in and to all applications for patent for said invention in all countries, and all divisions, reissues, continuations and extensions of any of said applications, and all rights of priority resulting from the filing of any said applications; and Assignor authorizes and requests any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and Assignor agrees that on request and without further consideration, but at the expense of said Assignee, Assignor will communicate to said Assignee or its representatives any facts known to Assignor respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce a proper patent protection for said invention in all countries.

The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The undersigned hereby grants the law firm of Carrier Blackman & Associates, P.C. the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

In witness whereof, executed by the undersigned.

| LEGAL NAME OF SO | JLE OR FIRST INVI | ENTOR:_ | Masa | taka HIRAN | <u>o_</u> |
|-----------------------|------------------------|----------|--------------|-----------------|------------|
| Inventor's Signature: | Masataka 1 Liran | no | Date | e: Jun P | 2016 |
| Residence: City: | Wako-shi | State: _ | Saitama | _ Country: | Japan |
| Mailing Address: | c/o HONDA R& | D CO., L | TD., 4-1, Cl | huo 1-chome | |
| City: Wako-shi | _State: <u>Saitama</u> | Zip: | 351-0193 | Country_ | Japan |
| | | | | | |
| X Additional inventor | s are being named on | the 1 su | pplemental | sheet(s) attach | ed hereto. |

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

ADDITIONAL INVENTOR(S)
Supplemental Sheet Page 1 of 1

| EGAL NAME OF Additional Joint Inventor, if any:_ | | ny:7 | Tetsuya MIYAHARA | | |
|--|-----------|------------|--------------------|--------------|--------------|
| Inventor's Signature | : Tetsuya | Miyahara | <u>′</u> D | 0ate: Jun 14 | 2016 |
| Residence: City: | Wako-shi | Sta | te: <u>Saitam</u> | a Country: | <u>Japan</u> |
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RECORDED: 07/01/2016