

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yoji SASABUCHI</td> <td>01/31/2013</td> </tr> <tr> <td>Hiroyuki KOIKE</td> <td>01/31/2013</td> </tr> </tbody> </table>		Name	Execution Date	Yoji SASABUCHI	01/31/2013	Hiroyuki KOIKE	01/31/2013				
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Yoji SASABUCHI	01/31/2013										
Hiroyuki KOIKE	01/31/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Honda Motor Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>1-1, Minami-Aoyama 2-chome</td> </tr> <tr> <td>City:</td> <td>Minato-ku, Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>107-8556</td> </tr> </table>		Name:	Honda Motor Co., Ltd.	Street Address:	1-1, Minami-Aoyama 2-chome	City:	Minato-ku, Tokyo	State/Country:	JAPAN	Postal Code:	107-8556
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13793286</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13793286						
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CORRESPONDENCE DATA											
<p>Fax Number: 2483441096 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 248-344-4422 Email: cbalaw@gmail.com Correspondent Name: Carrier, Blackman & Associates, P.C Address Line 1: 43440 West Ten Mile Road Address Line 4: Novi, MICHIGAN 48375</p>											
ATTORNEY DOCKET NUMBER:	CSP-184-A										
NAME OF SUBMITTER:	Joseph P. Carrier										
Signature:	/Joseph P. Carrier/										
Date:	04/17/2013										

OP \$40.00 13793286

Total Attachments: 4

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**DECLARATION AND ASSIGNMENT FOR
UTILITY OR DESIGN PATENT APPLICATIONS**

RAILROAD CROSSING BARRIER ESTIMATING APPARATUS AND VEHICLE

(Title of the Invention)

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 Internatioanl Application Number

13/793,286 ; filed on 11 March 2013.

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 acknowledges 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 Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
2012-074172	JAPAN	March 28, 2012	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2012-164835	JAPAN	July 25, 2012	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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

SEND CORRESPONDENCE TO:

CARRIER, BLACKMAN & ASSOCIATES, P.C.
43440 W. Ten Mile Road
Novi, Michigan 48375

DIRECT TELEPHONE CALLS TO:

Joseph P. Carrier, William D. Blackman,
Fulchand P. Shende or Jeffrey T. Gedeon
(248) 344-4422

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

Patent Application number 13/793,286 Filing Date 11 March 2013

(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, PC 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 SOLE OR FIRST INVENTOR: Yoji SASABUCHI

Inventor's Signature: *Yoji Sasabuchi* Date: January 31, 2013

Residence: City: Shioya-gun State: Tochigi-ken Country: Japan

Mailing Address: c/o HONDA R&D CO., LTD., 4-1, Chuo 1-chome,

City: Wako-shi State: Saitama Zip: 351-0193 Country: JAPAN

Additional inventors are being named on the 1 supplemental sheet(s) attached hereto.

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

ADDITIONAL INVENTOR(S)
Supplemental Sheet Page 1 of 1

LEGAL NAME OF Additional Joint Inventor, if any: Hiroyuki KOIKE

Inventor's Signature: Hiroyuki Koike Date: January 31, 2013

Residence: City: Utsunomiya-shi State: Tochigi-ken Country: Japan

Mailing Address: c/o HONDA R&D CO., LTD., 4-1, Chuo 1-chome,

City: Wako-shi State: Saitama Zip: 351-0193 Country: JAPAN

LEGAL NAME OF Additional Joint Inventor, if any: _____

Inventor's Signature: _____ Date: _____

Residence: City: _____ State: _____ Country: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____ Country: _____

LEGAL NAME OF Additional Joint Inventor, if any: _____

Inventor's Signature: _____ Date: _____

Residence: City: _____ State: _____ Country: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____ Country: _____