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U.S. Department of Commerce  
Patents & Trademark Office

Attorney Docket No.: 108426-00066  
Date: February 22, 2006

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Yuji YASUI

Execution Date(s): December 19, 2005

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

2. Name and address of receiving party(ies):

Name: HONDA MOTOR CO., LTD.

Address: 1-1 Minami-Aoyama 2-chome  
Minato-ku, Tokyo  
Japan

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)  
11/284,145

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Arent Fox PLLC  
 Street Address: 1050 Connecticut Avenue, N.W., Suite 400  
 Washington, D.C. 20036-5339  
 Tel. No.: 202-857-6000  
 Fax No.: 202-638-4810  
 Email Address: dcipdocket@arentfox.com

6. Total number of applications and patents involved: One

7. Total fee (37 CFR 1.21(h) & 3.41). \$40.00.

- Included in attached check.
- Authorized to be charged by credit card.
- Authorized to be charged to Deposit Account.
- Any additional fees are authorized to be charged to deposit account.

8. Payment Information

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Charles M. Marmelstein

Name of Person Signing  
Reg. No. 25,895

Signature

February 22, 2006

Date

Total number of pages including cover sheet, attachments, and document: 2

CMM:cs

Docket No. 108426-00066

# U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

HONDA MOTOR CO., LTD.  
1-1, Minami-Aoyama 2-chome  
Minato-ku, Tokyo, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest, including the right to sue for past infringement, if any, and all rights pursuant to 35 U.S.C. §154, to the invention entitled

A MISFIRE DETECTION APPARATUS

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

filed on November 22, 2005, Serial No. 11/284,145  
(Arent Fox PLLC is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof, and any other application claiming priority thereto, for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

<u><i>Yuji Yasui</i></u> (SIGNATURE)	<u>Yuji YASUI</u> (TYPE NAME)	<u>December 19, 2005</u> (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)

[Insert ASSIGNEE's Name(s) Address(es)]

[Title of Invention]

[\*If the assignment is being filed after the filing of the application, this section must be completed]

[Signature(s) of Assignor(s)]

PATENT