

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Masahiko Akiyama	11/20/2009
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:	12626055
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	2165669700
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Correspondent Name:	Rankin Hill and Clark LLP
Address Line 1:	38210 Glenn Avenue
Address Line 4:	Willoughby, OHIO 44094
ATTORNEY DOCKET NUMBER:	SHG-19639
NAME OF SUBMITTER:	David E. Spaw
Total Attachments: 2 source=19639#page1.tif source=19639#page2.tif	

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PATENT
REEL: 023575 FRAME: 0743

ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in
 PHASE CURRENT ESTIMATION DEVICE OF MOTOR AND MAGNETIC POLE
 POSITION ESTIMATION DEVICE OF MOTOR

that are the subject of an application for a U.S. Patent, (Application No. 12/626055,
 filed 11/25/2009), which application is further identified as Rankin, Hill, Porter
 & Clark LLP Docket No. SHG-19639.

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, 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, Porter & Clark LLP the power to
 insert on this assignment any further identification which 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.

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

(1) Inventor Name (sole or joint): **Masahiko AKIYAMA**

Signature: Masahiko Akiyama

Today's Date : November 20, 2009

Witness: _____

Witness: _____

(2) Inventor Name (sole or joint):

Signature: _____

Today's Date : _____

Witness: _____

Witness: _____