

PATENT ASSIGNMENT

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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>Gaku Naoe</td> <td>02/20/2012</td> </tr> <tr> <td>Kota Tokubi</td> <td>02/20/2012</td> </tr> <tr> <td>Kotaro Sugi</td> <td>02/20/2012</td> </tr> </tbody> </table>		Name	Execution Date	Gaku Naoe	02/20/2012	Kota Tokubi	02/20/2012	Kotaro Sugi	02/20/2012
Name	Execution Date								
Gaku Naoe	02/20/2012								
Kota Tokubi	02/20/2012								
Kotaro Sugi	02/20/2012								
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								
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>13402098</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13402098				
Property Type	Number								
Application Number:	13402098								
CORRESPONDENCE DATA									
Fax Number:	(216)566-9711								
Phone:	2165669700								
Email:	almasy@rankinhill.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Rankin Hill and Clark LLP								
Address Line 1:	38210 Glenn Avenue								
Address Line 4:	Willoughby, OHIO 44094								
ATTORNEY DOCKET NUMBER:	SHM-35603								
NAME OF SUBMITTER:	David E. Spaw								
Total Attachments: 2 source=35603#page1.tif source=35603#page2.tif									

CH \$40.00 13402098

ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned
in VERTICAL, MULTI-LINK, ADJUSTABLE-STROKE TYPE ENGINE

that are the subject of an application for a U.S. Patent, (Application No. 13/402098,
filed 02/22/2012), which application is further identified as Rankin, Hill &
Clark LLP Docket No. SHM-35603.

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, 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.

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

(1) Inventor Name (sole or joint): Gaku NAOE

Signature: Gaku Naoe

Today's Date : February 20, 2012

Witness: Satoshi Sawano

Witness: Tomonobu Sato

(2) Inventor Name (sole or joint): Kota TOKUBI

Signature: Kota Tokubi

Today's Date : February 20, 2012

Witness: Satoshi Sawano

Witness: Tomonobu Sato

(3) Inventor Name (sole or joint): Kotaro SUGI

Signature: Kotaro Sugi

Today's Date : February 20, 2012

Witness: Satoshi Sawano

Witness: Tomonobu Sato