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Name: David E. Spaw	7. Total fee (37 CFR 3.41)\$ 40.00									
Internal Address: Rankin, Hill, P	orter & Clark LLP	☐ Enclosed								
		⊠ Autho	rized to be cl	harged to deposit account						
Street Address: 4080 Eric Street		8. Deposit account number:								
		18-0160								
City: Willoughby State: Ohio	Zip: <u>44094</u>	(Attach duplicate copy of this page if paying by deposit account)								
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9. Statement and signature.				_						
To the best of my knowledge an is a true copy of the original dod Dayid E. Spaw		nformation is tr	rue and corre	ect and any attached copyApril 21, 2005						
Name of Person Signing	9	Signature		Date						
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ASSIGNMENT

WHEREAS,	new a	nd useful	improvements	have been	made by	the undersi	gned in
w)	IPER AF	PPARATUS					

From: 216-566-9711

that are the subject of an application for a U.S. Patent, (Application No. 11/096450, filed 04/01/2005), which application is further identified as Rankin, Hill, Porter & Clark LLP Docket No. SHG-15935.

WHEREAS, Honda Motor Co., Ltd., a corporation of Japan, and having a place of business at 1-1, Minamiaoyama 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, 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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PATENT REEL: 016133 FRAME: 0497 IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(1) Inventor Name (sole or joint): Mamoru KAGAWA

Signature: Tramoru Basawa

Today's Date: March 25, 2005

Witness: yanılıdı Orada
Witness: Junichi Kikuchi

(2) Inventor Name (joint): Tomohiro OHE

Signature: Tomohis o Che

Today's Date: March 25, 2005

Witness: <u>Junichi Chushi</u>

Inventor Name (joint): Masaomi TOTTORI (3)

Signature: ___ masami Lottori

Today's Date: March 25, 2005

Inventor Name (joint): (4)

Signature:

Today's Date : _____

Page 2 of 2