

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>Junichi Kanemaru</td> <td>03/30/2009</td> </tr> <tr> <td>Shinji Kakizaki</td> <td>03/30/2009</td> </tr> <tr> <td>Daniel Yelles</td> <td>03/30/2009</td> </tr> </tbody> </table>		Name	Execution Date	Junichi Kanemaru	03/30/2009	Shinji Kakizaki	03/30/2009	Daniel Yelles	03/30/2009
Name	Execution Date								
Junichi Kanemaru	03/30/2009								
Shinji Kakizaki	03/30/2009								
Daniel Yelles	03/30/2009								
RECEIVING PARTY DATA									
Name:	HONDA MOTOR CO., LTD.								
Street Address:	1-1, Minamiaoyama 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>12415494</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12415494				
Property Type	Number								
Application Number:	12415494								
CORRESPONDENCE DATA									
Fax Number:	(216)566-9711								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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Correspondent Name:	Rankin, Hill and Clark LLP								
Address Line 1:	38210 Glenn Avenue								
Address Line 4:	Willoughby, OHIO 44094-7808								
ATTORNEY DOCKET NUMBER:	HRA-18741								
NAME OF SUBMITTER:	David E. Spaw								
Total Attachments: 3 source=18741-ASSIGNMENT#page1.tif source=18741-ASSIGNMENT#page2.tif									

CH \$40.00 12415494

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**PATENT
 REEL: 022586 FRAME: 0430**

ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

EVAPORATOR FROST PREVENTION CONTROL LOGIC FOR FRONT AND REAR INTEGRATED HVAC SYSTEM

that are the subject of an application for a U.S. Patent, (Application Number 12/415494, filed March 31, 2009), which application is further identified as Rankin, Hill & Clark LLP Docket No. HRA-18741.

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 & 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.

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

(1) Inventor Name (joint): Junichi Kanemaru
Signature: *Junichi Kanemaru*
Today's Date: 3/30/09


(2) Inventor Name (joint): Shinji Kakizaki
Signature: *[Signature]*
Today's Date: 3/30/09

(3) Inventor Name (joint): Daniel Yelles
Signature: *Daniel Yelles*
Today's Date: 3/30/09

STATE OF OHIO)
) ss:
COUNTY OF Union)

The above named Junichi Kanemaru, known to me, appeared before me this 30th day of MARCH, 2009, and acknowledged that the foregoing instrument was executed by him as his free act and deed for the uses and purposes therein set forth.

Wesley A. Alig
Notary Public

 **WESLEY A. ALIG**
Notary Public, State of Ohio
My commission does not expire

STATE OF OHIO)
) ss:
COUNTY OF UNION)

The above named Shinji Kakizaki, known to me, appeared before me this 30th day of MARCH, 2009, and acknowledged that the foregoing instrument was executed by him as his free act and deed for the uses and purposes therein set forth.



WESLY A. ALIG
Notary Public, State of Ohio
My commission does not expire

W.S.A. Alig
Notary Public

STATE OF OHIO)
) ss:
COUNTY OF UNION)

The above named Daniel Yelles, known to me, appeared before me this 30th day of MARCH, 2009, and acknowledged that the foregoing instrument was executed by him as his free act and deed for the uses and purposes therein set forth.



WESLY A. ALIG
Notary Public, State of Ohio
My commission does not expire

W.S.A. Alig
Notary Public