

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Bradley C. Errington</td><td>12/17/2004</td></tr><tr><td>Junichi Kanemaru</td><td>12/17/2004</td></tr></tbody></table>		Name	Execution Date	Bradley C. Errington	12/17/2004	Junichi Kanemaru	12/17/2004				
Name	Execution Date										
Bradley C. Errington	12/17/2004										
Junichi Kanemaru	12/17/2004										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>HONDA MOTOR CO., LTD.</td></tr><tr><td>Street Address:</td><td>1-1, Minamiaoyama 2-chome</td></tr><tr><td>Internal Address:</td><td>Minato-ku</td></tr><tr><td>City:</td><td>Tokyo</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr></table>		Name:	HONDA MOTOR CO., LTD.	Street Address:	1-1, Minamiaoyama 2-chome	Internal Address:	Minato-ku	City:	Tokyo	State/Country:	JAPAN
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>12119115</td></tr></tbody></table>		Property Type	Number	Application Number:	12119115						
Property Type	Number										
Application Number:	12119115										
CORRESPONDENCE DATA											
Fax Number: (216)566-9711 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 2165669700											
Email: martin@rankinhill.com											
Correspondent Name: Rankin Hill and Clark LLP											
Address Line 1: 38210 Glenn Avenue											
Address Line 4: Willoughby, OHIO 44094-7808											
ATTORNEY DOCKET NUMBER:	HRA-15607.001										
NAME OF SUBMITTER:	David E. Spaw										
Total Attachments: 3 source=15607-001-ASSIGNMENT#page1.tif source=15607-001-ASSIGNMENT#page2.tif source=15607-001-ASSIGNMENT#page3.tif											

OP \$40.00 12119115

PATENT

500537376

REEL: 020935 FRAME: 0748

## ASSIGNMENT

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

### SYSTEM AND METHOD FOR VEHICLE DEFOGGING CONDITION CALCULATION AND CONTROL


that are the subject of an application for a U.S. Patent, (Application Number 10/881,406, filed June 30, 2004), which application is further identified as Rankin, Hill, Porter & Clark LLP Docket No. HRA-15607.

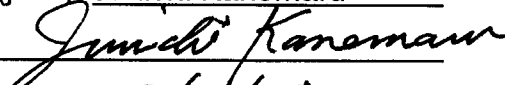
WHEREAS, Honda Motor Co., Ltd., a corporation of Japan, and having a place of business at 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions 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.

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

(1) Inventor Name (joint): Bradley C. Errington  
Signature:   
Today's Date: 12/17/04

(2) Inventor Name (joint): Junichi Kanemaru  
Signature:   
Today's Date: 12/17/04

STATE OF OHIO )  
COUNTY OF UNION ) ss:  
)

The above named Bradley C. Errington, known to me, appeared before me this 17th day of December, 2004, and acknowledged that the foregoing instrument was executed by him as his free act and deed for the uses and purposes therein set forth.

  
Notary Public

Notarial Seal

MARK E. DUELL  
ATTORNEY AT LAW  
NOTARY PUBLIC-STATE OF OHIO  
MY COMMISSION HAS NO EXPIRATION DATE  
SEC 147.03 ORC

STATE OF OHIO

COUNTY OF UNION

)  
) ss:  
)

The above named Junichi Kanemaru, known to me, appeared before me this 17th day of December, 2004, and acknowledged that the foregoing instrument was executed by him as his free act and deed for the uses and purposes therein set forth.

  
\_\_\_\_\_  
Notary Public

Notarial Seal

MARK E. DUELL  
ATTORNEY AT LAW  
NOTARY PUBLIC-STATE OF OHIO  
MY COMMISSION HAS NO EXPIRATION DATE  
SEC 147.03 ORC