

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Kyosuke Nanaumi	11/24/2009
Takahiro Seto	11/24/2009
Tsunetoshi Kitamura	11/24/2009
Shinji Kakizaki	11/18/2009
Junichi Kanemaru	11/18/2009

**RECEIVING PARTY DATA**

Name:	KEIHIN CORPORATION
Street Address:	26-2, Nishishinjuku 1-chome
Internal Address:	Shinjuku-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	163-0539

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:	12629352

**CORRESPONDENCE DATA**

Fax Number: (216)566-9711

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CH \$40.00 12629352

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ATTORNEY DOCKET NUMBER:	TOH-19654
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NAME OF SUBMITTER:	David E. Spaw
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## ASSIGNMENT

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

HEAT EXCHANGER FOR VEHICULAR AIR CONDITIONING APPARATUS

that are the subject of an application for a U.S. Patent, (Application No. 12/629352,  
filed 12/02/2009), which application is further identified as Rankin, Hill &  
Clark LLP Docket No. TOH-19654.

WHEREAS, (1) KEIHIN CORPORATION, a corporation of Japan, and having a  
place of business at 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0539, JAPAN  
and (2) 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 & 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): Kyosuke NANAUMI  
Signature: *Kyosuke Nanaumi*  
Today's Date: November 24, 2009

Witness: *Takashi Chiba* Takashi CHIBA  
Witness: *Yohei Ishizawa* Yohei ISHIZAWA

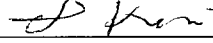
(2) Inventor Name (joint): Takahiro SETO  
Signature: *Takahiro Seto*  
Today's Date: November 24, 2009

Witness: *Takashi Chiba* Takashi CHIBA  
Witness: *Yohei Ishizawa* Yohei ISHIZAWA

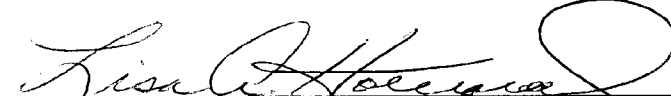
(3) Inventor Name (joint): Tsunetoshi KITAMURA  
Signature: *TSUNETOSHI KITAMURA*  
Today's Date: November 24, 2009

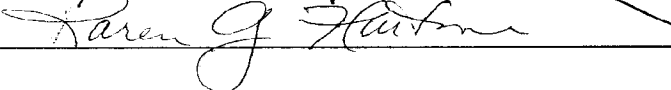
Witness: *Takashi Chiba* Takashi CHIBA  
Witness: *Yohei Ishizawa* Yohei ISHIZAWA

(4) Inventor Name (joint): SHINJI KAKIZAKI Shinji KAKIZAKI

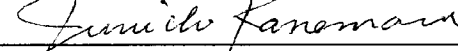
Signature: 

Today's Date: 11/18/09 November 18, 2009


Witness:  Lisa A. HOWARD

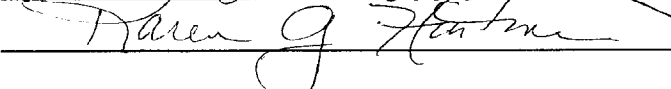
Witness:  Karen G. HARTMAN

(5) Inventor Name (joint): JUNICHI KANEMARU Junichi KANEMARU

Signature: 

Today's Date: 11/18/09 November 18, 2009

Witness:  Lisa A. HOWARD

Witness:  Karen G. HARTMAN