

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>Thomas N. Ramsay</td><td>08/26/2008</td></tr><tr><td>Kurt Zielinski</td><td>08/26/2008</td></tr></tbody></table>	Name	Execution Date	Thomas N. Ramsay	08/26/2008	Kurt Zielinski	08/26/2008							
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Honda Motor Co., Ltd.</td></tr><tr><td>Street Address:</td><td>2-1-1 Minami Aoyama</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><tr><td>Postal Code:</td><td>107-8556</td></tr></table>	Name:	Honda Motor Co., Ltd.	Street Address:	2-1-1 Minami Aoyama	Internal Address:	Minato-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	107-8556	
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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>12229777</td></tr></tbody></table>	Property Type	Number	Application Number:	12229777									
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CORRESPONDENCE DATA													
Fax Number: (650)938-5200 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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NAME OF SUBMITTER:	Brian G. Brannon												
Total Attachments: 3 source=14437_assignment#page1.tif													

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## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer **Honda Motor Co., Ltd.**, a corporation of Japan, having a place of business at 2-1-1 Minami Aoyama, Minato-Ku, Tokyo 107-8556, Japan ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the provisional application filed under 35 U.S.C. §111(b) or non-provisional application filed under 35 U.S.C. §111(a) and entitled COMPUTATIONAL RADIATOR FLOW DISTRIBUTION METHOD ("APPLICATION"), which:

- ☐ is to be filed herewith.
- ☒ was filed on 08-26-2008, and now bears U.S. application serial number 12/229,777.
- ☒ The APPLICATION claims priority from a provisional application, filed on August 27, 2007, now bearing U.S. application serial number 60/966,476; and from a provisional application, filed on January 11, 2008, now bearing U.S. application serial number 61/020,660.

2. The entire worldwide right, title, and interest in and to:  
(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION;  
(c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

Title:  
Filed:  
Application No.:

COMPUTATIONAL RADIATOR FLOW DISTRIBUTION METHOD  
August 26, 2008  
12/229,777

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further 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.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name and Signature

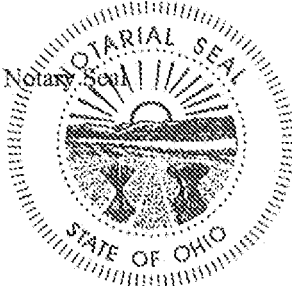
Thomas N. Ramsay  
THOMAS N. RAMSAY

Date of Signature

8/26, 2008

State of Ohio }  
County of Union } ss.

On 8/26/2008 before me, Lisa A. Howard, Notary Public, personally appeared THOMAS N. RAMSAY personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



LISA A. HOWARD  
NOTARY PUBLIC  
STATE OF OHIO  
Comm. Expires  
June 19, 2011

Lisa A. Howard  
Notary

Title: COMPUTATIONAL RADIATOR FLOW DISTRIBUTION METHOD  
Filed: August 26, 2008  
Application No.: 12/229,777

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Name and Signature

Kurt Zielinski  
KURT ZIELINSKI

Date of Signature

8/26/, 2008

State of Ohio }  
County of Union } ss.

On 8/26/2008 before me, Lisa A. Howard, Notary Public, personally appeared KURT ZIELINSKI personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



LISA A. HOWARD  
NOTARY PUBLIC  
STATE OF OHIO  
Comm. Expires  
June 19, 2011

Lisa A. Howard  
Notary

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