

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4979702

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YUYA SHIMOTA	05/07/2018
HIROSHI TAKEI	05/07/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HONDA MOTOR CO., LTD.
<b>Street Address:</b>	1-1, MINAMI-AOYAMA 2 CHOME
<b>Internal Address:</b>	MINATO-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	107-0062
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15990386
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(303)786-7691
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Email:</b>	mail@dbflaw.com
<b>Correspondent Name:</b>	DUFT BORNSSEN & FETTIG LLP
<b>Address Line 1:</b>	1526 SPRUCE STREET
<b>Address Line 2:</b>	SUITE 302
<b>Address Line 4:</b>	BOULDER, COLORADO 80302
<b>ATTORNEY DOCKET NUMBER:</b>	H117-0492-US01
<b>NAME OF SUBMITTER:</b>	BRETT BORNSSEN
<b>SIGNATURE:</b>	/BRETT BORNSSEN/
<b>DATE SIGNED:</b>	05/25/2018
<b>Total Attachments: 1</b>	
source=HON-0064-ASSIGNMENT#page1.tif	

COMPANY PROPRIETARY

ASSIGNMENT

The Inventor(s) assigning rights (hereinafter "Assignor") has invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled

VEHICLE HEAT EXCHANGE APPARATUS

for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor concurrently herewith; or filed on \_\_\_\_\_ as Application No. \_\_\_\_\_;

HONDA MOTOR CO., LTD, a corporation organized and existing under the laws of Tokyo, Japan, having a place of business at 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, Japan (hereinafter called "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries, and in and to any United States or foreign LETTERS PATENT that may be granted therefor;

For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor does assign, sell, and transfer to the Assignee, its successors and assigns, its entire right, title, and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries, and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like, government grants that may be granted for any and all portions thereof, and in and to the patent application identified above and applications for patent filed for the Invention in all foreign countries and all provisional, divisional, reissue, continuation, continuation-in-part applications and extensions of any of the applications for patent or LETTERS PATENT identified herein, including all applications claiming the priority of said applications for patent or LETTERS PATENT identified herein, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of the United States LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America. Assignee will hold all rights for its own use and benefit and for the use and benefit of its successors or assigns to the full end of the term for which the LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. Assignor requests and authorizes the Commissioner of the U.S. Patent and Trademark Office, and foreign counterpart officials of foreign patent offices, to issue respective LETTERS PATENT in the United States and foreign countries when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the Assignor's interest in the Invention, which title Assignor warrants to the Assignee. Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request and expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing, or reexamining United States and foreign LETTERS PATENT or the like for the Invention, and for maintaining and perfecting the Assignee's right to the Invention and LETTERS PATENT particularly in cases of interference conflict, opposition, and litigation.

Assignor authorizes and directs any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the first paragraph of this assignment.

IN TESTIMONY WHEREOF, I have signed this Assignment on the date specified below.

Yuya Shimota May 7, 2018  
[Inventor Name] Date  
Yuya SHIMOTA

Hiroshi Takei May 7, 2018  
[Inventor Name] Date  
Hiroshi TAKEI

PATENT