

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>Takanori AONO</td> <td>11/08/2012</td> </tr> <tr> <td>Kengo SUZUKI</td> <td>11/08/2012</td> </tr> <tr> <td>Akira KOIDE</td> <td>11/08/2012</td> </tr> <tr> <td>Masahide HAYASHI</td> <td>11/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Takanori AONO	11/08/2012	Kengo SUZUKI	11/08/2012	Akira KOIDE	11/08/2012	Masahide HAYASHI	11/09/2012
Name	Execution Date										
Takanori AONO	11/08/2012										
Kengo SUZUKI	11/08/2012										
Akira KOIDE	11/08/2012										
Masahide HAYASHI	11/09/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Hitachi Automotive Systems, Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>2520, Takaba</td> </tr> <tr> <td>City:</td> <td>Hitachinaka-shi, Ibaraki</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	Hitachi Automotive Systems, Ltd.	Street Address:	2520, Takaba	City:	Hitachinaka-shi, Ibaraki	State/Country:	JAPAN		
Name:	Hitachi Automotive Systems, Ltd.										
Street Address:	2520, Takaba										
City:	Hitachinaka-shi, Ibaraki										
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>13699235</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13699235						
Property Type	Number										
Application Number:	13699235										
CORRESPONDENCE DATA											
<p>Fax Number: 2026288844 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2026242500 Email: Galemousavi@crowell.com Correspondent Name: Crowell & Moring LLP Address Line 1: P.O. Box 14300 Address Line 4: Washington, DISTRICT OF COLUMBIA 20044-4300</p>											
ATTORNEY DOCKET NUMBER:	106734.65078US										
NAME OF SUBMITTER:	Michael H. Jacobs										
<p>Total Attachments: 1 source=65078US_Assignment#page1.tif</p>											

OP \$40.00 13699235

ASSIGNMENT
(譲 渡 証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me by Hitachi Automotive Systems, Ltd., a corporation organized under the laws of Japan, located at 2520, Takaba, Hitachinaka-shi, Ibaraki Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi Automotive Systems, Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

COMBINED SENSOR AND METHOD FOR MANUFACTURING THE SAME

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Hitachi Automotive Systems, Ltd., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi Automotive Systems, Ltd.,

Signed on the date(s) indicated aside our signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

1) Takanori Aono Takanori AONO

11/8/2012

2) Kengo Suzuki Kengo SUZUKI

11/8/2012

3) Akira Koide Akira KOIDE

11/8/2012

4) Masahide Hayashi Masahide HAYASHI

11/9/2012

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____

PATENT