

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HIROKI SASAKURA	05/13/2015
XIAOHONG WANG	05/13/2015
TAKAYUKI MAKIOKA	05/18/2015
RECEIVING PARTY DATA	
Name:	AUTOLIV ASP, INC.
Street Address:	3350 AIRPORT ROAD
City:	OGDEN
State/Country:	UTAH
Postal Code:	84405
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14716115
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Address Line 4:	SALT LAKE CITY, UTAH 84111
ATTORNEY DOCKET NUMBER:	UP71554US01 (61174/175)
NAME OF SUBMITTER:	R. WHITNEY JOHNSON
SIGNATURE:	/R. Whitney Johnson/
DATE SIGNED:	05/19/2015
Total Attachments: 5	
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ASSIGNMENT

We, Hiroki Sasakura of 1764 West 4800 South Apt R, Roy, Utah 84067, Xiaohong Wang of 1807 West 4650 South Apt D, Roy, Utah 84067, and Takayuki Makioka of 1764 West 4800 South Apt O, Roy, Utah 84067, have invented devices, methods and systems entitled THREE-WAY GAS GUIDE, hereinafter called the "invention."

Preferred embodiments of said invention are disclosed in United States Patent Application No. 14/716,115, filed May 19, 2015, in the United States Patent and Trademark Office. (We hereby authorize the attorneys representing Autoliv ASP, Inc. to insert said application number and filing date when known.)

AUTOLIV ASP, INC., a corporation of the state of Indiana, having a principal place of business at 3350 Airport Road, Ogden, Utah 84405, desires to secure the entire right, title and interest therein.

For good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, we HEREBY ASSIGN TO THE ASSIGNEES:

The entire right, title and interest in said invention in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and Foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

We hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and benefit of the said Assignee, its successors, assigns and legal representatives.

We hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of us to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of our ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon my heirs and legal representatives.

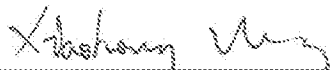
DATED this 13 day of May, 2015.



Hiroki Sasakura
1764 West 4800 South Apt R
Roy, Utah 84067

This assignment and agreement shall be binding upon my heirs and legal representatives.

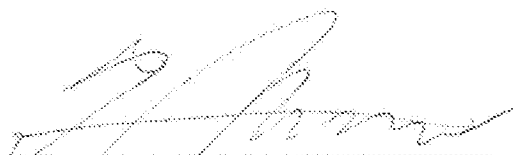
DATED this 13 day of May, 2015.



Xiaohong Wang
1807 West 4650 South Apt D
Roy, Utah 84067

This assignment and agreement shall be binding upon my heirs and legal representatives.

DATED this 18 day of 5, 2015.



Takayuki Makioka
1764 West 4800 South Apt O
Roy, Utah 84067