

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HIROYUKI TAGUCHI	07/24/2017
YUTAKA NAKAJIMA	07/24/2017
HIDEHO FUKUDA	07/26/2017
MITSUO NOGAMI	07/26/2017
YUTO KOBAYASHI	07/25/2017
MAKOTO FUMA	07/25/2017
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<b>City:</b>	VARGARDA
<b>State/Country:</b>	SWEDEN
<b>Postal Code:</b>	44783
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15556040
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<b>ATTORNEY DOCKET NUMBER:</b>	12400-472 (JP71522US01)
<b>NAME OF SUBMITTER:</b>	STEVEN L. OBERHOLTZER
<b>SIGNATURE:</b>	/STEVEN L. OBERHOLTZER/
<b>DATE SIGNED:</b>	09/06/2017
<b>Total Attachments: 2</b>	

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**ASSIGNMENT**

WHEREAS, **Hiroyuki Taguchi**, of 3-17-6 Shinyokohama Kohoku-ku, Yokohama, Japan 222-8580, **Yutaka Nakajima**, of 3-17-6 Shinyokohama Kohoku-ku, Yokohama, Japan 222-8580, **Hideho Fukuda**, of 3-17-6 Shinyokohama Kohoku-ku, Yokohama, Japan 222-8580, **Mitsuo Nogami**, of 3-17-6 Shinyokohama Kohoku-ku, Yokohama, Japan 222-8580, **Yuto Kobayashi**, of 3-17-6 Shinyokohama Kohoku-ku, Yokohama, Japan 222-8580, and **Makoto Fuma**, of 3-17-6 Shinyokohama Kohoku-ku, Yokohama, Japan 222-8580, hereinafter referred to as the "Assignors," have made the invention described in the United States patent application entitled "**AIRBAG APPARATUS**", for a full description of which reference is here made to an application for Letters Patent of the United States filed on **September 6, 2017**, and assigned Application Serial No.: **15/556,040**;

WHEREAS, **Autoliv Development AB**, a corporation having a place of business at **Wallentinsvägen 22, SE-447 83 Vårgårda, Sweden**, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these present do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and

assigns, to the full end of the term or terms for all such patents. The Assignors hereby sell, assign, and transfer the entire right, title and interest to the Assignee as of the day of filing the application identified above.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

Date: 2017.7.24

Hirofumi Taguchi  
Hirofumi Taguchi

Date: 2017.7.24

Yutaka Nakajima  
Yutaka Nakajima

Date: 2017.7.26

Hideho Fukuda  
Hideho Fukuda

Date: 2017.7.26

Mitsuo Nogami  
Mitsuo Nogami

Date: 2017.7.25

Yuto Kobayashi  
Yuto Kobayashi

Date: 2017.7.25

Makoto Fuma  
Makoto Fuma