

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
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KENNETH V. PUGLIA	07/28/2016
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PROPERTY NUMBERS Total: 1	
Property Type	Number
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DATE SIGNED:	08/03/2016
Total Attachments: 4	
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ASSIGNMENT

WHEREAS, we, Bernard de Mersseman and Kenneth V. Puglia, have invented certain new and useful

DIRECT DETECTION LIDAR SYSTEM AND METHOD WITH PULSE AMPLITUDE MODULATION (AM) TRANSMITTER AND QUADRATURE RECEIVER

described in a U.S. patent application,

U.S. Serial No.: 15/226,435 **filed** 2016-08-02

(in the event that the execution date, filing date and/or Serial No. of said application are not entered above at the time we execute this document, and if such information is deemed necessary, we hereby authorize and request our attorneys at Burns & Levinson LLP, 125 Summer Street, Boston, Massachusetts 02110, USA, to insert above the execution date, filing date and/or Serial No. of said application, when known) for which I am about to make or have made application for Letters Patent of the United States; and

WHEREAS, **Autoliv ASP, Inc.**, a corporation and having a place of business at 3350 Airport Road, Ogden, Utah 84405, is desirous of acquiring all rights, title and interests in and to said invention, said application, and in and to any and all Letters Patent which may be granted for or upon said invention and application in the United States of America and anywhere in the world.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, Bernard de Mersseman and Kenneth V. Puglia, have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the **Autoliv ASP, Inc.**, the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in said application prepared and executed by us preparatory to obtaining Letters Patent of the United States therefore;
- (b) said application;

- (c) any and all refilings, divisions, continuations, continuations-in-part, and nonprovisional applications related to said application;
- (d) any and all Letters Patent of the United States of America which may issue from said applications, refilings, divisions, continuations, continuations-in-part and nonprovisional applications;
- (e) any and all reissues and reexaminations of said Letters Patent of the United States of America;
- (f) any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America;
- (g) any and all refilings, divisions and continuations of said foreign-filed applications;
- (h) all claims, causes of action and damages for past infringement, if any, of said application;
- (i) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions and continuations; and
- (j) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America.

We, Bernard de Mersseman and Kenneth V. Puglia, further agree that upon request we will provide promptly all pertinent facts and documents relating to said invention, said application, said Letters Patent and legal equivalents, and said refilings, divisions, continuations, continuations-in-part, and nonprovisional applications as may be known and accessible and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to **Autoliv ASP, Inc.**, or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention, said Letters Patent, said equivalents thereof, and said refilings, divisions, continuations, continuations-in-part, and nonprovisional applications which may be necessary or desirable to carry out the purposes thereof.

ALL of the above shall be held and enjoyed by said **Autoliv ASP, Inc.**, for its own use and benefit, and for its successors, legal representatives and assigns, to the

full end of the term for which said Letters Patent may be granted, and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

IN TESTIMONY WHEREOF, we have hereunto set our hand and affixed our seals the date set forth below.

Inventor's
Signature: _____

Bernard de Mersseman

IN TESTIMONY WHEREOF, we have hereunto set our hand and affixed our seals the date set forth below.

Inventor's
Signature:

Kenneth V. Puglia 28-JUL-2016
Kenneth V. Puglia

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