

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7205980

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SPELLING OF BERNARD DE MERSEMAN'S LAST NAME previously recorded on Reel 045964 Frame 0774. Assignor(s) hereby confirms the SPELLING OF BERNARD'S LAST NAME SHOULD BE "DE MERSEMAN" AND NOT "DEMERSEMAN" AS CONVEYED ON THE ORIGINAL ASSIGNMENT.	
RESUBMIT DOCUMENT ID:	507027992	
CONVEYING PARTY DATA		
	Name	Execution Date
	BERNARD DE MERSEMAN	12/10/2021
	PETER HANSSON	05/23/2018
	EMIL HÄLLSTIG	05/29/2018
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:	15995980
CORRESPONDENCE DATA		
Fax Number:		
<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>		
Phone:	6173453000	
Email:	docketing@burnslev.com	
Correspondent Name:	BURNS & LEVINSON LLP	
Address Line 1:	125 HIGH STREET	
Address Line 4:	BOSTON, MASSACHUSETTS 02110	
ATTORNEY DOCKET NUMBER:	VNR-0046US	
NAME OF SUBMITTER:	DANIEL MCGRATH REG. NO. 74,352	
SIGNATURE:	/Daniel McGrath/	
DATE SIGNED:	03/03/2022	

Total Attachments: 11

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4988270

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BERNARD DEMERSSEMAN	05/23/2018
PETER HANSSON	05/23/2018
EMIL HÄLLSTIG	05/29/2018
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:	15995980
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	docketing@burnslev.com
Correspondent Name:	BURNS & LEVINSON LLP
Address Line 1:	125 SUMMER STREET
Address Line 4:	BOSTON, MASSACHUSETTS 02110
ATTORNEY DOCKET NUMBER:	AAM-0046US
NAME OF SUBMITTER:	DANIEL MCGRATH
SIGNATURE:	/Daniel McGrath/
DATE SIGNED:	06/01/2018
Total Attachments: 5	
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ASSIGNMENT

WHEREAS, we, ~~Bernard DeMersseman~~, Peter Hansson, and Emil Hällstig have
invented certain new and useful *Bernard de Mersseman*

[Signature]
12/10/2021

DETECTION SYSTEM WITH REFLECTION
MEMBER AND OFFSET DETECTION ARRAY

described in a U.S. non-provisional patent application,

U.S. Serial No.: 15/995,980 filed June 1, 2018

(in the event that the execution date, filing date and/or Serial No. of said application are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request the 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 having a usual place of business at 3350 Airport Road, Ogden, UT 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 DeMersseman~~, Peter Hansson, and Emil Hällstig 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:

Bernard de Mersseman
[Signature]
12/10/2021

- (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;

[Signature]

- (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 DeMersseman, Peter Hansson, and Emil Hällstig**, further agree that upon request I 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 non-provisional 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 non-provisional 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, I have hereunto set my hand and affixed my seal the date set forth below.

Inventor's Signature:



~~Bernard DeMersseman~~

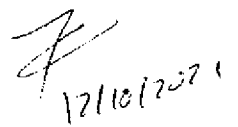
Bernard de Mersseman

5/23/2018

Date

12/10/2021

Assignment Page 3 of 5



IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal the date set forth below.

Inventor's Signature:

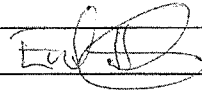
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May 23, 2018
Date

Date _____

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal the date set forth below.

Inventor's Signature:



Emil Hällstig

5/29/2018

Date

4842-7310-9605.1

ASSIGNMENT

WHEREAS, we, **Bernard DeMersseman, Peter Hansson, and Emil Hällstig** have invented certain new and useful

**DETECTION SYSTEM WITH REFLECTION
MEMBER AND OFFSET DETECTION ARRAY**

described in a U.S. non-provisional patent application,

U.S. Serial No.: 15/995,980 **filed** June 1, 2018

(in the event that the execution date, filing date and/or Serial No. of said application are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request the 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 having a usual place of business at 3350 Airport Road, Ogden, UT 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 DeMersseman, Peter Hansson, and Emil Hällstig** 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 DeMersseman, Peter Hansson, and Emil Hällstig**, further agree that upon request I 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 non-provisional 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 non-provisional 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, I have hereunto set my hand and affixed my seal the date set forth below.

Inventor's Signature:  5/23/2018
Bernard DeMersseman Date

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal the date set forth below.

Inventor's Signature:

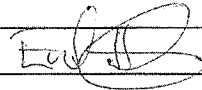
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May 23, 2018
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Emil Hällstig

5/29/2018

Date

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