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Form PTO-1595 (Rev. 06/04)  
OMB No. 0651-0027 (exp. 6/30/2005)



U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Names of conveying parties/Execution Date(s):  
Bradley W. Smith (Executed 16 October 2007)  
David W. Parkinson (Executed 16 October 2007)

2. Name and address of receiving party(ies)

Name: Autoliv ASP, Inc.

Street Address: 3350 Airport Road

City: Ogden

State: Utah

Country: United States

Zip: 84405

Additional name(s) & address(es) attached? ☐ Yes ☒ No

Additional name of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

4. Application or patent number(s):

☒ This document is being filed together with a new application

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Sally J. Brown, AUTOLIV ASP, INC.

Street Address: 3350 Airport Road

City: Ogden

State: Utah

Zip: 84405

Phone Number: (801) 625-4994

Fax Number:

Email Address:

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) .....\$ 40.00

- ☒ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 6007  
Expiration Date 08/2009

b. Deposit Account Number 13-0763 (for instances where there is a deficiency in the enclosed fee)  
Authorized User Name Craig J. Madson

DO NOT USE THIS SPACE

9. Signature:

Signature

October 29, 2007  
Date

Craig J. Madson  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

10/31/2007 551TH1B1 00000007 11978254 40.00

04 FC:8021

As a named inventor of the inventions and/or discoveries set forth in an application for Letters Patent of the United States of America entitled:

**DUAL STAGE CYLINDRICAL INFLATOR WITH OUTSIDE TO INSIDE AXIAL FLOW**

executed on: \_\_\_\_\_

I desire to assign to: Autoliv ASP, Incorporated, an Indiana Corporation

whose corporate offices are at 3350 Airport Road  
Ogden, Utah 84405-1563

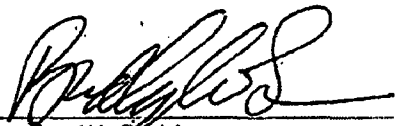
and which, together with its successors and assigns is hereinafter called "Assignee", is desirous of acquiring the title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee. Now, therefore, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservation:

1. Assign and convey to and confirm in Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;
5. Bind my heirs and legal representatives, as well as myself, to do, upon Assignee's request and at its expense, but without additional consideration to me or them, all acts reasonable serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me or my heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs or legal representatives and which may be useful for establishing the facts of my conceptions, disclosures and reduction to practice of said inventions and discoveries.

6. To the best of my knowledge and belief, the information contained herein is true and correct.

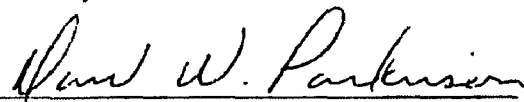
The effective date of this instrument is the 16<sup>th</sup> day of October, 2007.

In testimony of which I have affixed my signature below,

(Signature)   
Bradley W. Smith

Date: 16 October 2007

residing at 1825 North 3450 West  
Plain City, Utah 84404

(Signature)   
David W. Parkinson

Date: 16 October 2007

residing at 470 East 2750 North  
Ogden, Utah 84404

PATENT

RECORDED: 10/29/2007

REEL: 020088 FRAME: 0626