

Form PTO-1595 (Rev. 06-12)
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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. Name of conveying party(ies)

STEVEN M. CANNON,
ANTHONY M. YOUNG and
SHAWN LANG

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

2. Name and address of receiving party(ies)

Name: AUTOLIV ASP, INC.

Internal Address: _____

Street Address: 3350 AIRPORT ROAD

City: OGDEN

State: UTAH

Country: US Zip: 84405

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 06 December 2016

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

B. Patent No.(s)

15/377,655

Additional numbers attached? Yes No

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

Name: NICK C. KOTTIS

Internal Address: PAULEY ERICKSON & KOTTIS

Street Address: 2800 WEST HIGGINS ROAD
SUITE 365

City: HOFFMAN ESTATES

State: ILLINOIS Zip: 60169

Phone Number: (847) 490-1400

Docket Number: AAI-71889

Email Address: pto@pauleyip.com

6. Total number of applications and patents involved: ONE (1)

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

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 19-3550

Authorized User Name PAULEY ERICKSON & KOTTIS

9. Signature:

Nick C. Kottis
Signature

14 December 2016
Date

Nick C. Kottis

Name of Person Signing

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

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 15377655

Customer No.: 45483

ASSIGNMENT

WHEREAS, We the following inventors

1. Name: Steven M. CANNON
Residence: Elwood, Utah
Post Office Address: 4815 West 10000 North
Elwood, Utah 84337
2. Name: Anthony M. YOUNG
Residence: Malad, Idaho
Post Office Address: 794 West Highway 38
Malad, Idaho 83252
3. Name: Shawn LANG
Residence: Ogden, Utah
Post Office Address: 6033 South 1325 East
Ogden, Utah 84405

hereinafter referred to as ASSIGNORS, have invented certain new and useful improvements in an invention entitled:

THRUST VECTOR TUNING OF INFLATOR DEVICES

which is described and claimed in an application for Letters Patent of the United States executed by ASSIGNORS on even date herewith, and naming as inventors, Steven M. CANNON, Anthony M. YOUNG and Shawn LANG; said improvements as described and claimed in said application for Letters Patent of the United States, being hereinafter referred to as said "Invention"; and

WHEREAS, Autoliv ASP, Inc., a corporation duly organized and existing under and by virtue of the laws of the State of Indiana and having its principal office and place of business at 3350 Airport Road, Ogden, Utah 84405, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNORS' entire rights, title and interest in and to said Invention, and in, to and under Letters Patent therefor in the United States and countries foreign thereto;

NOW THEREFORE BE IT KNOWN THAT, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS have sold, assigned, transferred and set over and by these presents do hereby sell, assign, transfer and set over to and unto ASSIGNEE, its successors and assigns ASSIGNORS' entire rights, title and interest in and to said Invention, and in, to and under the above-identified application and all other applications for Letters Patent

AA1-71889

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NCK/mem

PATENT
REEL: 040943 FRAME: 0431

ASSIGNMENT

of the United States and countries foreign thereto, and in, to and under all divisions, reissues, continuations, extensions and reexaminations thereof, and covenant that ASSIGNORS have the full right so to do; and the Commissioner of Patents is hereby authorized and requested to issue all United States Letters Patent on said Invention included herein to ASSIGNEE, as assignee of ASSIGNORS' entire interest.

ASSIGNORS further agree to communicate to ASSIGNEE or its representatives or agents all facts and information known or available to ASSIGNORS regarding said Invention including evidence for interference purposes or for other legal proceedings, whenever requested; to testify in any interference or other proceedings; to execute and deliver, on request, all lawful papers including original, divisional, continuing and reissue applications, renewals, assignments, powers of attorney, declarations, oaths, affidavits, depositions, etc.; and to generally do everything possible to aid ASSIGNEE, its successors and assigns, but at the expense of ASSIGNEE, in obtaining and enforcing proper protection for said Invention, in the United States and countries foreign thereto.

6 Dec 2016
Date

Steven M. Cannon
Steven M. CANNON

6-DEC-2016
Date

Anthony M. Young
Anthony M. YOUNG

12/6/16
Date

Shawn Lang
Shawn LANG