Form **PTO-1595**

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11-29-2006

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

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)	342178
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): Robin Willats Joseph Callahan Kwin Abram	2. Name and address of receiving party(ies) Name: Arvin Technologies, Inc. Internal Address:
Additional name(s) of conveying party(ies) attached? Yes No	=======================================
3. Nature of conveyance: Security Agreement ☐ Change of Name ☐ Other	Street Address: 2135 West Maple
11/21/2006 Execution Date:	City:State: _MIZip: _48084
4. Application number(s) or patent number(s): If this document is being filed to enter the date the patent was signed. A. Patent Application No.(s) Herewith	ogether with a new application, d by the first named executing inventor: B. Patent No.(s)
Additional numbers at	I tached? 🔁 Yes 🛂 No
Name and address of party to whom correspondence concerning document should be mailed: Name: Kerrie A. Laba Internal Address: Carlson, Gaskey & Olds, P.C.	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)\$ Enclosed Authorized to be charged to deposit account
Street Address: 400 West Maple Suite 350 City: Birmingham State: Michigan Zip: 48009	8. Deposit account number: 50-1482 Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 (Attach duplicate copy of this page if paying by deposit account)
DO NOT USE	THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing is a true copy of the original document. Kerrie A. Laba Name of Person Signing Total number of pages including covers.	November 21, 2006 Date or sheet, attachments, and documents:

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

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60,130-2758; 07ARM0019

ASSIGNMENT (Joint Inventors)

WHEREAS, we, Robin Willats, residing at 637 Greystone Ct., Columbus, Indiana 47201; Joseph Callahan, residing at 6160 Deerwood Drive, Greenwood, Indiana 46143; and Kwin Abram, residing at 5666 E. Homestead Dr., Columbus, Indiana 47201 (hereinafter referred to as Assignors), have invented new and useful improvements in:

EXHAUST VALVE ASSEMBLY WITH INTERMEDIATE POSITION

which is set forth in an application for Letters Patent in the United States executed on even date herewith; Attorney Docket No. 60,130-2758; 07ARM0019

AND WHEREAS, Arvin Technologies, Inc. (hereinafter referred to as Assignee), of 2135 West Maple Road, Troy, Michigan 48084-7186, is desirous of acquiring the entire right, title and interest in and to said invention and said Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have assigned, sold and set over, and by these presents assign, sell and set over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file and prosecute foreign patent applications corresponding to said application in foreign patent offices, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents prepared and executed by Assignors on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

AND the Assignors hereby covenant and agree that the Assignors will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignors hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

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60,130-2758; 07ARM0019

21/Nov/04
Date

21/Nov/04
Date

Please address all correspondence and telephone calls and, upon recordation, please return this document to:

> Kerrie A. Laba Carlson, Gaskey & Olds, P.C. 400 W. Maple, Suite 350 Birmingham, MI 48009 (248) 988-8360

> > **PATENT**

REEL: 018609 FRAME: 0522

RECORDED: 11/21/2006