

04-06-2004



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Docket No.: 5702-01037

R SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Jeffery S. Blackburn

4. 2.04

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: November 25, 2003

2. Name and address of receiving party(ies):

Name: Automotive Systems Laboratory, Inc.

Address: 27200 Haggerty Road

Suite B-12

City: Farmington Hills

State/Prov.: Michigan

Country: USA

ZIP: 48331

Additional name(s) & address(es)

☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.

Filing date

B. Patent No.(s)

10/716,243

November 17, 2003

Additional numbers

☐ Yes ☒ No

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

Name: Laurence C. Begin

Registration No. 42,310

Address: 2701 Cambridge Court

Suite 500

04/05/2004 DBYRNE 00000020 10716243

01 FC:8021

40.00 DP

City: Auburn Hills

State/Prov.: Michigan

Country: USA

ZIP: 48326

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

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04-1131

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

C. Gail Boes

Name of Person Signing

Signature

March 31, 2004

Date

5

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignment Recordation Services  
Director of the United States Patent and Trademark Office  
P.O. Box 1450, Alexandria, VA 22313-1450

PATENT  
REEL: 015170 FRAME: 0269

### Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No.

**5702-01037**

***This is an Assignment of the following rights, title and interest: (check all that apply):***

- ☒ **United States of America rights, title and interest in the invention**
- ☒ **Foreign rights, title and interest in the invention**
- ☒ **United States Patent Application Serial No.** 10/716,243
- Date of Execution:** 11-25-2003 **Date of Filing:** 11-17-2003
- ☐ **United States Provisional Patent Application Serial No.** \_\_\_\_\_
- ☐ **United States Patent No(s).** \_\_\_\_\_
- ☐ **International (PCT) Patent Application Serial No.** \_\_\_\_\_
- ☐ **Other (specify)** \_\_\_\_\_

***Title of the Invention***

## PROJECTILE FIRING BARREL

***Inventors (assignors)***[illegible]**Assignee**

<i>Name</i>	<i>Address</i>
Automotive Systems Laboratory, Inc.	27200 Haggerty Road Suite B-12 Farmington Hills, Michigan 48331

**Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)**

Docket No.  
5702-01037

*Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");*

*And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;*

*Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;*

*We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;*

*And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;*

*And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.*

*Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)*

<i>Name</i>	<i>Signature/Date</i>
Jeffery S. Blackburn	

Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)

Docket No.  
5702-01037

Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

Executed this 25th day of November, in the year 2003

at

State of Michigan  
County of Macomb

Jeffery Blackburn 11/25/03  
(Signature of Inventor)

Before me personally appeared Jeffery S. Blackburn  
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to  
execute the same this 25th day of November, in the year 2003

CYNTHIA HOLLOWAY  
Notary Public, Macomb County, MI  
My Commission Expires 06/09/2008

Cynthia Holloway  
(Notary Public)

Executed this day of, in the year

at

State of

County of

Before me personally appeared  
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to  
execute the same this day of, in the year

(Notary Public)

Executed this day of, in the year

at

State of

County of

Before me personally appeared  
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to  
execute the same this day of, in the year

(Notary Public)

**CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)**Applicant(s): **Jeffery S. Blackburn**

Docket No.

**5702-01037**

Serial No.

**10/716,243**

Filing Date

**November 17, 2003**

Examiner

Group Art Unit


**3616**

Invention:

**PROJECTILE FIRING BARREL**I hereby certify that this **Recordation of Assignment Documents***(Identify type of correspondence)*

is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

**March 31, 2004***(Date)***C. Gail Boes***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***Note: Each paper must have its own certificate of mailing.**