

Docket No.: 5702-01060

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)

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

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PATENTS ONLY**

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

1. Name of conveying party(ies)/Execution Date(s):

Robert M. Hardenburg

Execution Date(s): February 23, 2005

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

2. Name and address of receiving party(ies)

Name: Automotive Systems Laboratory, Inc.

Internal Address: _____

Street Address: 69700 Powell Road

City: Armada

State: Michigan

Country: US

Zip: 48005

Additional name(s) & address(es) 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)

10/976,119

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: L.C. Begin & Associates, PLLC

Internal Address: Laurence C. Begin

Street Address: 510 Highland Avenue

PMB 403

City: Milford

State: Michigan

Zip: 48381

Phone Number: 248-889-5875

Fax Number: 248-887-7664

Email Address: _____

6. Total number of applications and patents involved:

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 1003

Expiration Date July 2006

b. Deposit Account Number 50-3238

Authorized User Name Laurence C. Begin

9. Signature:

C. Gail Boes

Signature

3/4/05

Date

C. Gail Boes

Name of Person Signing

Total number of pages including cover

6

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

OP \$40.00 10976119

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

Docket No.
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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. 10/976,119*

Date of Execution: 2-23-05 *Date of Filing:* October 28, 2004

- United States Provisional Patent Application Serial No.* _____
- United States Patent No(s).* _____
- International (PCT) Patent Application Serial No.* _____
- Other (specify)* _____

Title of the Invention

FILTER WITH LOCATING FEATURE

Inventors (assignors)

<i>Name</i>	<i>Address</i>
Robert M. Hardenburg	1060 Elk Horn Lake, Lake Orion, Michigan 48362

Assignee

<i>Name</i>	<i>Address</i>
Automotive Systems Laboratory, Inc.	69700 Powell Road Armada, Michigan 48005

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

Docket No.
5702-01060

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)

Name	Signature/Date
Robert M. Hardenburg	

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

Docket No.
5702-01050

Notarization

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

Executed this 23rd day of February, in the year 2005

at

State of Michigan
County of Macomb

Robert M. Hardenburg
(Signature of Inventor)

Before me personally appeared Robert M. Hardenburg 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 23rd day of February, in the year 2005

CYNTHIA HOLLOWAY
Notary Public, Macomb County, MI
My Commission Expires 05/09/2006

Cynthia Holloway
(Notary Public)

Executed this _____ day of _____, in the year _____

at

State of _____
County of _____

(Signature of Inventor)

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 _____

(Signature of Inventor)

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)