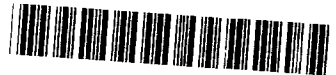


1/27/05

Docket No.: 5701.01295

02-03-2005



102932705

FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp. 5/31/2002)
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To the Director of the United States Patent and Trademark Office: Please return the attached original documents or copy thereof.

1. Name of conveying party(ies):
William D. Merrick
William Todd Watson
Timothy J. Bomya
Leonard S. Cech

Additional names(s) of conveying party(ies) Yes No

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

Name: Automotive Systems Laboratory, Inc.

Internal Address: _____

Street Address: 27200 Haggerty Rd.

Suite B-12

City: Farmington Hills State: MI ZIP: 48331

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

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other _____

Execution Date: December 10 & 14, 2004

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:

A. Patent Application No.(s)
10/946,174

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Robert A. Dunn

Internal Address: Dinnin & Dunn, P.C.

Street Address: 2701 Cambridge Ct.

Suite 500

City: Auburn Hills State: MI ZIP: 48326

6. Total number of applications and patents involved:

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

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

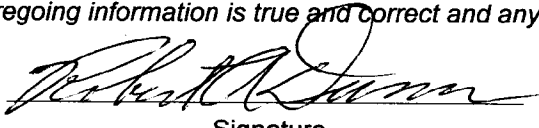
Authorized to be charged to deposit account

8. Deposit account number:
04-1131

(Attach duplicate copy of this page if paying by deposit account)

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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.

Robert A. Dunn  January 27, 2005

Name of Person Signing Robert A. Dunn Signature Robert A. Dunn Date January 27, 2005

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

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

Docket No.
5701.01295

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. 10/946,174*

Date of Execution: 12/10/04 + 12/14/04 *Date of Filing:* 9/20/04

- United States Provisional Patent Application Serial No. 60/504,581*
- United States Patent No(s).* _____
- International (PCT) Patent Application Serial No.* _____
- Other (specify)* _____

Title of the Invention

MAGNETIC CRASH SENSOR

Inventors (assignors)

<i>Name</i>	<i>Address</i>
William D. Merrick	1205 Prescott Ave. Ann Arbor, MI 48105
William Todd Watson	47037 Ruthan Drive, Belleville, MI 48111
Timothy J. Bomya	6262 N. Crown Ave. Westland, MI
Leonard S. Cech	5082 Walnut Hills Drive, Brighton, MI 48116

Assignee

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

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

Docket No.
5701.01295

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>
William D. Merrick	
William Todd Watson	
Timothy J. Bomya	
Leonard S. Cech	

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

Docket No.
5701.01295

Notarization

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

Executed this 10th day of December, in the year 2004

at

State of

County of

KIM PIETRUSZKA
Notary Public, State of Michigan
County of Wayne
My Commission Expires Aug. 8, 2011
Acting in the County of Wayne

William D. Merrick
(Signature of Inventor)

Before me personally appeared William D. Merrick
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 10th day of December, in the year 2004

Kim Pietruszka
(Notary Public)

Executed this 10th day of December, in the year 2004

at

State of

County of

KIM PIETRUSZKA
Notary Public, State of Michigan
County of Wayne
My Commission Expires Aug. 8, 2011
Acting in the County of Wayne

William Todd Watson
(Signature of Inventor)

Before me personally appeared William Todd Watson
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 10th day of December, in the year 2004

Kim Pietruszka
(Notary Public)

Executed this 14th day of December, in the year 2004

at

State of

County of

KIM PIETRUSZKA
Notary Public, State of Michigan
County of Wayne
My Commission Expires Aug. 8, 2011
Acting in the County of Wayne

Timothy J. Bomya
(Signature of Inventor)
KIM PIETRUSZKA
Notary Public, State of Michigan
County of Wayne
My Commission Expires Aug. 8, 2011
Acting in the County of Wayne

Before me personally appeared Timothy J. Bomya
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 14th day of December, in the year 2004

Kim Pietruszka
(Notary Public)

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

Docket No.
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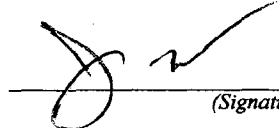
Executed this 14th day of December, in the year 2004

at

State of

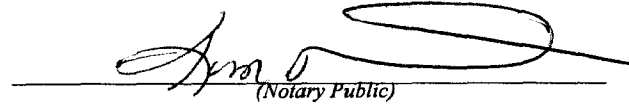
County of

KIM PIETRUSZYA
Notary Public, State of Michigan
County of Wayne
My Commission Expires Aug. 8, 2011
Being in the County of Wayne



(Signature of Inventor)

Before me personally appeared Leonard S. Cech
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 14th day of December in the year 2004



(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)