RECORDATION FORM COVER SHEET PATENTS ONLY 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-G Dunham Bruce A. Stevens Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s) 11/16/05 & 2/6/06 Assignment	Form PTO-1595 (Rev. 08/05) Doc Code: OMB No. 0651-0027 (exp. 6/30/20 <u>08)</u>	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office				
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-G Dunham Bruce A. Stevens Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s) 11/16/05 & 2/6/06 Assignment	RECORDATION FORM COVER SHEET					
2. Name and address of receiving party(ies) Steven M-G Dunham Bruce A. Stevens Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s) 11/16/05 & 2/6/06 Assignment						
Name: Automotive Systems Laboratory, Inc.						
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s) 11/16/05 & 2/6/06 Assignment	* =	-				
Additional name(s) of conveying party(ies) attached?						
3. Nature of conveyance/Execution Date(s): Execution Date(s) 11/16/05 & 2/6/06 Assignment						
3. Nature of conveyance/Execution Date(s): Execution Date(s) 11/16/05 & 2/6/06 Assignment	Additional name(s) of conveying party(ies) attached? Yes No	Charles Address (Orton David David				
		Street Address: 69700 Powell Road				
□ Security Agreement □ Change of Name □ Joint Research Agreement Country: US □ Government Interest Assignment Country: US □ Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? □ Yes □ Other	Execution Date(s) 11/16/05 & 2/6/06					
□ Joint Research Agreement □ Government Interest Assignment □ Executive Order 9424, Confirmatory License □ Other	☑ Assignment ☐ Merger	City: Armada				
☐ Government Interest Assignment ☐ Executive Order 9424, Confirmatory License ☐ Other Additional name(s) & address(es) attached? ☐ Yes ☒ No 4. Application or patent number(s): ☐ This document is being filed together with a new application. B. Patent No.(s)		State: Michigan				
□ Executive Order 9424, Confirmatory License □ Other Additional name(s) & address(es) attached? □ Yes ☑ No 4. Application or patent number(s): □ This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s)	_	Country: US Zip: 48005				
Other Additional name(s) & address(es) attached? ☐ Yes ☒ No 4. Application or patent number(s): ☐ This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s)	_					
A. Patent Application No.(s) B. Patent No.(s)	-	Additional name(s) & address(es) attached? 🔲 Yes 🗵 No				
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11/282,063	A. Patent Application No.(s)	B. Patent No.(s)				
l de la companya de	11/282,063					
Additional numbers attached? Yes No						
5. Name and address to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved:	5. Name and address to whom correspondence concerning document should be mailed:					
Name: L.C. Begin & Associates, PLLC 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40	Name: L.C. Begin & Associates, PLLC	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40				
Internal Address: Authorized to be charged by credit card	Internal Address:	<u>-</u> ·				
Authorized to be charged to deposit account Enclosed						
Ctroot Addesce: 510 Highland Avenue	Street Address: 510 Highland Avenue	None required (government Interest not affecting title)				
PMB 403 8. Payment Information	PMB 403	8. Payment Information				
City: Milford State: Mishigan Zin: 49391 a. Credit Card Last 4 Numbers 1003		o Credit Card Last 4 Numbers 1903				
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9. Signature: 4-6-06		<u> 4-6-06</u>				
Signature Date Total number of pages including						
C. Gail Boes Total number of pages including 6 Name of Person Signing	C Cail Ross					

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

PATENT REEL: 017453 FRAME: 0916

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)		Docket No. 5702-01111			
This is an As	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	t in the invention			
×	United States Patent Application	n Serial No. 11/282,063			
	Date of Execution: 11/16/05 & 2/6/06 Date of Filing: November 16, 2005				
	United States Provisional Patent Application Serial No.				
	United States Patent No(s).				
	International (PCT) Patent App	dication Serial No.			
	Other (specify)				
omini Cultura					
Title of the I	пуеппоп		·		
		GAS GENERATOR			
		4.15	,		
Inventors (a.	ssignors)				
	Name	Address			
Steven M-0	Steven M-G Dunham 96 Miller St., Mt. Clemens, Michigan 48043		43		
Bruce A. S	Bruce A. Stevens 940 West Predmore Rd., Oakland, Michigan 48363		gan 48363		
			44417		
_					
			4.00		
		"			
Assignee					
_	Name	Address			
Automotive	Systems Laboratory, Inc.	69700 Powell Road Armada, Michigan 48005			
ı I					

REEL: 017453 FRAME: 0917

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

Docket No. 5702-01111

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
Steven M-G Dunham	
Bruce A. Stevens	

[Page 2 of 3]

PATENT

REEL: 017453 FRAME: 0918

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)	Docket No. 5702-01111
Notarization (Although notarization is not necessary, it will be considered prima facte evidence of execution pursuant to 35	U.S.C. 261.)
Executed this 61% - day of PEB , in the year 2006	
Stern M. Quela Signature of Invent	· · · · · · · · · · · · · · · · · · ·
state of New- Dersey.	or)
country of Morris.	
Before me personally appeared Steven M-O Dunham who acknowledged the foregoing instrument to be a free act and deed and also represented execute the same this day of , in the year	I that he or she is authorized to
PATRICIA MAHARAJIN	
MOTARY PUBLIC OF NEW JERSEY 2008 (Notary Public)	
Executed this 16th day of November, in the year 2005	
T-M-	
Clignature of Invent	or)
county of Macamile	
「「」、「Managaran Angle	• #555,556 - 50,503,44 - 10,503,780
Before me personally appeared Bruce A. Stevens who acknowledged the foregoing instrument to be a free act and deed and also represente	d that he or she is authorized in
execute the same this / Loth day of Movember, in the year 2005	7. (17.) 7. (17.)
Notary Public, Macornib County, Mi My Commission Expires 05/09/2008 Lighthus (Notary Public)	loway
Executed this day of , in the year	
at .	·
(Signature of Invent	ior)
State of	
County of	
Before me personally appeared . who acknowledged the foregoing instrument to be a free act and deed and also represente execute the same this day of , in the year	d that he or she is authorized to

(Page 3 of 3]

PATENT REEL: 017453 FRAME: 0919

(Notary Public)

RECORDED: 04/06/2006