

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6203515

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
PAUL FATHAUER		07/16/2020
RECEIVING PARTY DATA		
Name:	ADVANCED POWERTRAIN ENGINEERING, LLC	
Street Address:	112 NORTH CROSS STREET	
City:	SULLIVAN	
State/Country:	INDIANA	
Postal Code:	47883	
PROPERTY NUMBERS Total: 12		
Property Type	Number	
Application Number:	13119041	
Application Number:	14850253	
Application Number:	29540243	
Application Number:	16107755	
Application Number:	12905409	
Application Number:	13772453	
Application Number:	13848513	
Application Number:	14707340	
Application Number:	14554662	
Application Number:	13856862	
Application Number:	14861645	
PCT Number:	US2009000575	
CORRESPONDENCE DATA		
Fax Number:	(314)667-3633	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Phone:	314-552-6000	
Email:	IPDOCKET@THOMPSONCOBURN.COM	
Correspondent Name:	THOMPSON COBURN LLP	
Address Line 1:	ONE US BANK PLAZA	
Address Line 2:	SUITE 3500	

PATENT

Address Line 4: ST LOUIS, MISSOURI 63101

ATTORNEY DOCKET NUMBER:	64707-192778
NAME OF SUBMITTER:	SARTOUK H. MOUSSAVI
SIGNATURE:	/Sartouk H. Moussavi/
DATE SIGNED:	07/16/2020

Total Attachments: 42

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PATENT ASSIGNMENT

Effective Date: July 16, 2020

WHEREAS, pursuant to this Patent Assignment (“**Assignment**”), Paul Fathauer, an individual (“**Assignor**”) wishes to convey to Advanced Powertrain Engineering, LLC (the “**Company**” or “**Assignee**”), to the extent not previously accomplished, any and all of his right, title and interest in and to the patents and patent applications described below. In this Assignment, the term “**Patents**” means, collectively, patent and patent applications, the inventions disclosed therein, all improvements thereto, and all patents to be issued thereon, and all provisionals, non-provisionals, divisionals, continuations, continuations-in-part, reissues, reexaminations, and extensions thereof obtained or to be obtained in the United States and all foreign countries, including all priority rights and all rights to claim priority, and including all causes of action, rights for recovery and claims for damages or other relief, past, present and future, relating to said patents.

NOW, THEREFORE, in consideration of the foregoing premises, the mutual promises and covenants hereinafter set forth, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and intending to be legally bound thereby, the Assignor and Assignee (together, the “**Parties**”) agree as follows:

1. Assignor hereby confirms that the assignment(s) for the application(s) previously executed by Assignor and identified in the assignments attached herewith as **Exhibit A** as having assigned all of Assignor’s right, title, and interest in and to the Patents described therein. To the extent not previously accomplished, Assignor now hereby assigns and transfers unto said Assignee, its successors or assigns, the entire right, title and interest in and to the Patents identified in **Exhibit B** attached herewith.
2. The Commissioner of Patents or other proper official is hereby authorized and requested to issue said Patents to Assignee in accordance with this Patent Assignment.
3. Assignor agrees to execute any documents reasonably required by Assignee to secure and enforce the rights granted to Assignee under this Patent Assignment, and to cooperate with Assignee in the obtaining and sustaining of any and all such Patents as Assignee may desire to apply for, but at the expense of said Assignee.
4. Assignee may record this Patent Assignment with the United States Patent and Trademark Office and with comparable offices in other jurisdictions throughout the world. All costs associated with any such registrations or recordations shall be paid by Assignee.
5. This Assignment shall be binding upon and shall inure to the benefit of the Parties hereto and their respective successors and permitted assigns. Neither Party may assign its rights or obligations hereunder without the prior written consent of the other Party, which consent shall not be unreasonably withheld or delayed. No assignment shall relieve the assigning Party of any of its obligations hereunder.
6. This Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed to be one and the same agreement. A

signed copy of this Assignment delivered by facsimile, e-mail or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Assignment.

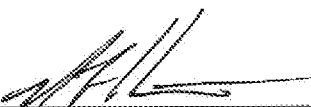
7. This Assignment shall be governed by and construed in accordance with the internal laws of the State of Indiana without giving effect to any choice or conflict of law provision or rule (whether of the State of Indiana or any other jurisdiction).

8. This Assignment is subject to and controlled by the terms of the Membership Interest Purchase Agreement dated as of even date herewith between Assignor and Sonnax Transmission Company, a Delaware corporation (the “**Purchase Agreement**”), including all of the representations, warranties, covenants and agreements set forth in the Purchase Agreement. Nothing contained in this Assignment shall be deemed to alter, modify, expand or diminish the terms and provision set forth in the Purchase Agreement, including the representations, warranties, covenants and agreements of the Parties contained therein.

{Signatures Follow}

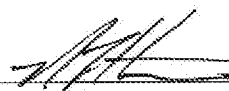
IN WITNESS WHEREOF, the Parties have caused this Patent Assignment to be executed by their duly authorized officers as of the Effective Date indicated above.

ASSIGNOR:

By: 
Paul Fathauer

ASSIGNEE:

ADVANCED POWERTRAIN
ENGINEERING, LLC

By: 
Name: Paul Fathauer
Title: MANAGER

{Signature Page to Patent Assignment}

Exhibit A
Previously Assigned Patents

See attached.

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Paul Fathauer	11/12/2010
RECEIVING PARTY DATA	
Name:	Advanced Powertrain Engineering, LLC
Street Address:	112 North Cross Street
City:	Sullivan
State/Country:	INDIANA
Postal Code:	47882
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	61251977
Application Number:	12905409
CORRESPONDENCE DATA	
Fax Number:	(317)236-9907
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	317-635-8900
Email:	ptodocket@binghammchale.com
Correspondent Name:	John V. Daniluck, Bingham McHale LLP
Address Line 1:	10 West Market Street, Suite 2700
Address Line 4:	Indianapolis, INDIANA 93041
ATTORNEY DOCKET NUMBER:	18938-93041
NAME OF SUBMITTER:	John V. Daniluck
Total Attachments: 2 source=ExecutedAssignment93041#page1.tif source=ExecutedAssignment93041#page2.tif	

CH \$80.00 61251977

501366830

PATENT
 REEL: 025439 FRAME: 0286
PATENT
 REEL: 053227 FRAME: 0885

ASSIGNMENT

WHEREAS, Paul Fathauer of 112 N. Cross Street, Sullivan, IN 47882, hereinafter referred to as Assignor, has made new and useful inventions in the field of METHOD OF REBUILDING SOLENOIDS FOR AUTOMATIC TRANSMISSIONS as described in drawings, notes, and recorded media (collectively, "Documents") and as described at least in part in United States provisional patent applications Serial No. 61/251,977, filed October 15, 2009; and in a U.S. Utility Patent Application Serial No. 12/905,409, filed October 15, 2010 (hereinafter "Inventions");

WHEREAS, Advanced Powertrain Engineering, LLC., hereinafter referred to as Assignee, a corporation of the State of Indiana, having a principal place of business at 112 North Cross Street, Sullivan, IN 47883, hereinafter referred to as Assignee, desires to acquire and has acquired all of the entire right, title, and interest in, to and under said Documents and said Inventions and in any Letters Patent, United States and foreign, which may be obtained therefore and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of good, valuable and sufficient consideration to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under said Inventions, and in, to and under said applications for United States Letters Patent, and any and all other applications thereon and arising therefrom, including any and all applications claiming the benefit thereof, and any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof, and any and all improvements to said Inventions conceived by Assignor, alone or with others, while working for, or under contract to, Assignee, whether or not such improvements are included in any Letters Patent or applications for Letters Patents.

Assignor acknowledges that said Inventions, including any improvements thereto, whether disclosed in said Documents or not, are the property of Assignee and any information related thereto, including said Documents and the information disclosed in said Documents, is to be maintained in confidence and is not to be disclosed by Assignor to any third party without the express written consent of Assignee. This obligation of confidentiality survives the termination of employment or any contract for any services between Assignor and Assignee.

Assignor agrees to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said Inventions in this and all foreign countries for the use of Assignee, said agreement surviving Assignor employment by, or contract with, Assignee.

Assignor understands that Bingham McHale LLP does not personally represent Assignor or Assignor's legal interests, but instead represents the interests of Assignee. Assignor acknowledges its right to retain its own independent legal counsel.

WITNESS Assignor's hand this 12th day of NOVEMBER, 2010.


Paul Fathauer

STATE OF Indiana)
COUNTY OF Sullivan) : SS

Before me, a Notary Public, in and for said County and State, personally appeared Paul Fathauer, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 12th day of November, 2010.


Notary Public

Printed: Bretta Stanley

Resident of Sullivan County

My Commission Expires:

4-23-2016

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Paul Fathauer	04/09/2013
RECEIVING PARTY DATA	
Name:	Advanced Powertrain Engineering, LLC
Street Address:	112 North Cross Street
City:	Sullivan
State/Country:	INDIANA
Postal Code:	47883
PROPERTY NUMBERS Total: 4	
Property Type	Number
Application Number:	61613808
Application Number:	61751147
Application Number:	61789381
Application Number:	13848513
CORRESPONDENCE DATA	
Fax Number:	3172369907
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	317-635-8900
Email:	ptodocket@bgdlegal.com
Correspondent Name:	John V. Daniluck
Address Line 1:	Bingham Greenebaum Doll LLP
Address Line 2:	10 West Market Street, Suite 2700
Address Line 4:	Indianapolis, INDIANA 46204
ATTORNEY DOCKET NUMBER:	618938.100007
NAME OF SUBMITTER:	John V. Daniluck

CH \$160.00 61613808

Signature:	/John V. Daniluck/
Date:	04/11/2013
Total Attachments: 2 source=APEAssignment#page1.tif source=APEAssignment#page2.tif	

ASSIGNMENT

WHEREAS, Paul Fathauer of 112 N. Cross Street, Sullivan, IN 47882, hereinafter referred to as Assignor, has made new and useful inventions in the field of RETAINING CLIP FOR ELECTRICAL CONNECTORS as described in drawings, notes, and recorded media (collectively, "Documents") and as described at least in part in US provisional patent application Serial No. 61/613,808, filed March 21, 2012, US provisional patent application Serial No. 61/751,147, filed January 10, 2013, US provisional patent application Serial No. 61/789,381, filed March 15, 2013, and US patent applications Serial No. 13/848,513, filed March 21, 2013; (hereinafter "Inventions");

WHEREAS, Advanced Powertrain Engineering, LLC., hereinafter referred to as Assignee, a corporation of the State of Indiana, having a principal place of business at 112 North Cross Street, Sullivan, IN 47883, hereinafter referred to as Assignee, desires to acquire and has acquired all of the entire right, title, and interest in, to and under said Documents and said Inventions and in any Letters Patent, United States and foreign, which may be obtained therefore and thereon;

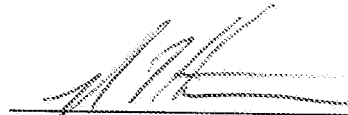
NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of good, valuable and sufficient consideration to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under said Inventions, and in, to and under said applications for United States Letters Patent, and any and all other applications thereon and arising therefrom, including any and all applications claiming the benefit thereof, and any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof, and any and all improvements to said Inventions conceived by Assignor, alone or with others, while working for, or under contract to, Assignee, whether or not such improvements are included in any Letters Patent or applications for Letters Patents.

Assignor acknowledges that said Inventions, including any improvements thereto, whether disclosed in said Documents or not, are the property of Assignee and any information related thereto, including said Documents and the information disclosed in said Documents, is to be maintained in confidence and is not to be disclosed by Assignor to any third party without the express written consent of Assignee. This obligation of confidentiality survives the termination of employment or any contract for any services between Assignor and Assignee.

Assignor agrees to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said Inventions in this and all foreign countries for the use of Assignee, said agreement surviving Assignor employment by, or contract with, Assignee.

Assignor understands that Bingham McHale LLP does not personally represent Assignor or Assignor's legal interests, but instead represents the interests of Assignee. Assignor acknowledges its right to retain its own independent legal counsel.

WITNESS Assignor's hand this 9th day of April, 2013.

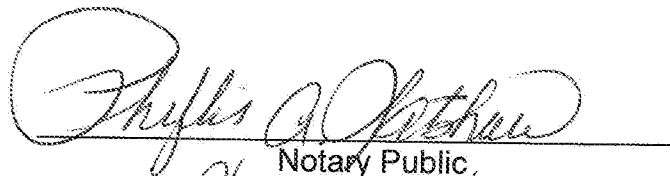


Paul Fathauer

STATE OF Indiana)
COUNTY OF Sullivan) : SS

Before me, a Notary Public, in and for said County and State, personally appeared Paul Fathauer, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 9 day of April, 2013,
~~2010.~~



Notary Public

Printed: Phyllis A. Lobshaw

Resident of Knox County

My Commission Expires:

11-11-17

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Paul Fathauer	06/16/2011
RECEIVING PARTY DATA	
Name:	Advanced Powertrain Engineering, LLC
Street Address:	112 North Cross Street
City:	Sullivan
State/Country:	INDIANA
Postal Code:	47883
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	13119041
PCT Number:	US0957514
Application Number:	61098117
CORRESPONDENCE DATA	
Fax Number:	(317)236-9907
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	317-635-8900
Email:	ptodocket@binghammchale.com
Correspondent Name:	John V. Daniluck
Address Line 1:	Bingham McHale LLP
Address Line 2:	10 West Market Street, Suite 2700
Address Line 4:	Indianapolis, INDIANA 46204
ATTORNEY DOCKET NUMBER:	18938-93878
NAME OF SUBMITTER:	John V. Daniluck
Total Attachments: 2 source=93878Assignment#page1.tif source=93878Assignment#page2.tif	

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PATENT
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PATENT
 REEL: 053227 FRAME: 0892

ASSIGNMENT

WHEREAS, Paul Fathauer of 112 N. Cross Street, Sullivan, IN 47882, hereinafter referred to as Assignor, has made new and useful inventions in the field of PRINTED CIRCUIT ASSEMBLY FOR A SOLENOID MODULE FOR AN AUTOMATIC TRANSMISSION as described in drawings, notes, and recorded media (collectively, "Documents") and as described at least in part in United States provisional patent applications Serial No. 61/098,117, filed September 18, 2008; Patent Cooperation Treaty application Serial No. PCT/US2009/057514, filed September 18, 2009, and in a U.S. Utility Patent Application Serial No. 13/119,041, filed March 15, 2011 (hereinafter "Inventions");

WHEREAS, Advanced Powertrain Engineering, LLC., hereinafter referred to as Assignee, a corporation of the State of Indiana, having a principal place of business at 112 North Cross Street, Sullivan, IN 47883, hereinafter referred to as Assignee, desires to acquire and has acquired all of the entire right, title, and interest in, to and under said Documents and said Inventions and in any Letters Patent, United States and foreign, which may be obtained therefore and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of good, valuable and sufficient consideration to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under said Inventions, and in, to and under said applications for United States Letters Patent, and any and all other applications thereon and arising therefrom, including any and all applications claiming the benefit thereof, and any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof, and any and all improvements to said Inventions conceived by Assignor, alone or with others, while working for, or under contract to, Assignee, whether or not such improvements are included in any Letters Patent or applications for Letters Patents.

Assignor acknowledges that said Inventions, including any improvements thereto, whether disclosed in said Documents or not, are the property of Assignee and any information related thereto, including said Documents and the information disclosed in said Documents, is to be maintained in confidence and is not to be disclosed by Assignor to any third party without the express written consent of Assignee. This obligation of confidentiality survives the termination of employment or any contract for any services between Assignor and Assignee.

Assignor agrees to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said Inventions in this and all foreign countries for the use of Assignee, said agreement surviving Assignor employment by, or contract with, Assignee.

Assignor understands that Bingham McHale LLP does not personally represent Assignor or Assignor's legal interests, but instead represents the interests of Assignee. Assignor acknowledges its right to retain its own independent legal counsel.

WITNESS Assignor's hand this 16th day of JUNE, 2011.

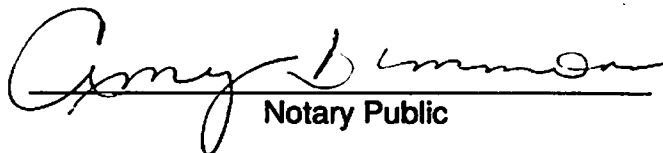


Paul Fathauer

STATE OF INDIANA)
COUNTY OF SULLIVAN) : SS

Before me, a Notary Public, in and for said County and State, personally appeared Paul Fathauer, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

2011 ~~2010~~ WITNESS my hand and Notarial Seal this 16 day of JUNE,



Notary Public

Printed: AMY SIMMONS

Resident of SULLIVAN County

My Commission Expires:

10-01-11

ASSIGNMENT
Docket No. 18938-93878

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Paul Fathauer	11/12/2010
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Name:	Advanced powertrain Engineering, LLC
Street Address:	112 North Cross Street
City:	Sullivan
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Postal Code:	47883
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13772453
CORRESPONDENCE DATA	
Fax Number:	3172369907
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	317-635-8900
Email:	ptodocket@bgdlegal.com
Correspondent Name:	John V. Daniluck
Address Line 1:	Bingham Greenebaum Doll LLP
Address Line 2:	10 West Market Street, Suite 2700
Address Line 4:	Indianapolis, INDIANA 46204
ATTORNEY DOCKET NUMBER:	618938.100004
NAME OF SUBMITTER:	John V. Daniluck
Signature:	/John V. Daniluck/
Date:	04/15/2013
Total Attachments: 2 source=APE100004Assignment#page1.tif source=APE100004Assignment#page2.tif	

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ASSIGNMENT

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NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of good, valuable and sufficient consideration to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under said Inventions, and in, to and under said applications for United States Letters Patent, and any and all other applications thereon and arising therefrom, including any and all applications claiming the benefit thereof, and any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof, and any and all improvements to said Inventions conceived by Assignor, alone or with others, while working for, or under contract to, Assignee, whether or not such improvements are included in any Letters Patent or applications for Letters Patents.

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WITNESS Assignor's hand this 12th day of NOVEMBER, 2010.


Paul Fathauer

STATE OF Indiana)
COUNTY OF Sullivan) : SS

Before me, a Notary Public, in and for said County and State, personally appeared Paul Fathauer, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 12th day of November, 2010.


Notary Public

Printed: Bretta Stanley

Resident of Sullivan County

My Commission Expires:

4-23-2016

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 Stylesheet Version v1.2

EPAS ID: PAT3352981

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	PAUL FATHAUER	04/09/2013
RECEIVING PARTY DATA		
Name:	ADVANCED POWERTRAIN ENGINEERING, LLC	
Street Address:	112 NORTH CROSS STREET	
City:	SULLIVAN	
State/Country:	INDIANA	
Postal Code:	47883	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14707340
CORRESPONDENCE DATA		
Fax Number:	(317)236-9907	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Phone:	317-635-8900	
Email:	ptodocket@bgdlegal.com	
Correspondent Name:	KEITH SWEDO	
Address Line 1:	BINGHAM GREENEBAUM DOLL LLP	
Address Line 2:	2700 MARKET TOWER, 10 WEST MARKET STREET	
Address Line 4:	INDIANAPOLIS, INDIANA 46204	
ATTORNEY DOCKET NUMBER:	618938.100011	
NAME OF SUBMITTER:	KEITH J. SWEDO	
SIGNATURE:	/Keith J. Swedo/	
DATE SIGNED:	05/14/2015	
Total Attachments: 2		
source=Assignment_100011#page1.tif		
source=Assignment_100011#page2.tif		

ASSIGNMENT

WHEREAS, Paul Fathauer of 112 N. Cross Street, Sullivan, IN 47882, hereinafter referred to as Assignor, has made new and useful inventions in the field of RETAINING CLIP FOR ELECTRICAL CONNECTORS as described in drawings, notes, and recorded media (collectively, "Documents") and as described at least in part in US provisional patent application Serial No. 61/613,808, filed March 21, 2012, US provisional patent application Serial No. 61/751,147, filed January 10, 2013, US provisional patent application Serial No. 61/789,381, filed March 15, 2013, and US patent applications Serial No. 13/848,513, filed March 21, 2013; (hereinafter "Inventions");

WHEREAS, Advanced Powertrain Engineering, LLC., hereinafter referred to as Assignee, a corporation of the State of Indiana, having a principal place of business at 112 North Cross Street, Sullivan, IN 47883, hereinafter referred to as Assignee, desires to acquire and has acquired all of the entire right, title, and interest in, to and under said Documents and said Inventions and in any Letters Patent, United States and foreign, which may be obtained therefore and thereon;

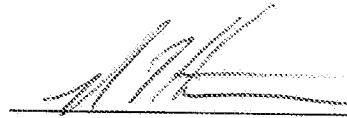
NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of good, valuable and sufficient consideration to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under said Inventions, and in, to and under said applications for United States Letters Patent, and any and all other applications thereon and arising therefrom, including any and all applications claiming the benefit thereof, and any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof, and any and all improvements to said Inventions conceived by Assignor, alone or with others, while working for, or under contract to, Assignee, whether or not such improvements are included in any Letters Patent or applications for Letters Patents.

Assignor acknowledges that said Inventions, including any improvements thereto, whether disclosed in said Documents or not, are the property of Assignee and any information related thereto, including said Documents and the information disclosed in said Documents, is to be maintained in confidence and is not to be disclosed by Assignor to any third party without the express written consent of Assignee. This obligation of confidentiality survives the termination of employment or any contract for any services between Assignor and Assignee.

Assignor agrees to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said Inventions in this and all foreign countries for the use of Assignee, said agreement surviving Assignor employment by, or contract with, Assignee.

Assignor understands that Bingham McHale LLP does not personally represent Assignor or Assignor's legal interests, but instead represents the interests of Assignee. Assignor acknowledges its right to retain its own independent legal counsel.

WITNESS Assignor's hand this 9th day of April, 2013.

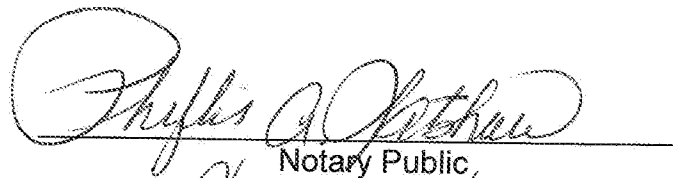


Paul Fathauer

STATE OF Indiana)
COUNTY OF Sullivan) : SS

Before me, a Notary Public, in and for said County and State, personally appeared Paul Fathauer, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 9 day of April, 2013,
~~2010.~~



Notary Public

Printed: Phyllis A. Lobshaw

Resident of Knox County

My Commission Expires:

11-11-17

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3905659

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	PAUL FATHAUER	06/16/2011
RECEIVING PARTY DATA		
Name:	ADVANCED POWERTRAIN ENGINEERING, LLC	
Street Address:	112 NORTH CROSS STREET	
City:	SULLIVAN	
State/Country:	INDIANA	
Postal Code:	47883	
PROPERTY NUMBERS Total: 2		
Property Type	Number	
Application Number:	14850253	
Application Number:	29540243	
CORRESPONDENCE DATA		
Fax Number:	(317)236-9907	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Phone:	317-635-8900	
Email:	ptodocket@bgdlegal.com	
Correspondent Name:	DOUGLAS G. GALLAGHER	
Address Line 1:	BINGHAM GREENEBAUM DOLL LLP	
Address Line 2:	2700 MARKET TOWER, 10 WEST MARKET STREET	
Address Line 4:	INDIANAPOLIS, INDIANA 46204	
ATTORNEY DOCKET NUMBER:	618938.100012, 100013	
NAME OF SUBMITTER:	DOUGLAS G. GALLAGHER	
SIGNATURE:	/Douglas G. Gallagher/	
DATE SIGNED:	06/07/2016	
Total Attachments: 2		
source=Assignment#page1.tif		
source=Assignment#page2.tif		

ASSIGNMENT

WHEREAS, Paul Fathauer of 112 N. Cross Street, Sullivan, IN 47882, hereinafter referred to as Assignor, has made new and useful inventions in the field of PRINTED CIRCUIT ASSEMBLY FOR A SOLENOID MODULE FOR AN AUTOMATIC TRANSMISSION as described in drawings, notes, and recorded media (collectively, "Documents") and as described at least in part in United States provisional patent applications Serial No. 61/098,117, filed September 18, 2008; Patent Cooperation Treaty application Serial No. PCT/US2009/057514, filed September 18, 2009, and in a U.S. Utility Patent Application Serial No. 13/119,041, filed March 15, 2011 (hereinafter "Inventions");

WHEREAS, Advanced Powertrain Engineering, LLC., hereinafter referred to as Assignee, a corporation of the State of Indiana, having a principal place of business at 112 North Cross Street, Sullivan, IN 47883, hereinafter referred to as Assignee, desires to acquire and has acquired all of the entire right, title, and interest in, to and under said Documents and said Inventions and in any Letters Patent, United States and foreign, which may be obtained therefore and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of good, valuable and sufficient consideration to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under said Inventions, and in, to and under said applications for United States Letters Patent, and any and all other applications thereon and arising therefrom, including any and all applications claiming the benefit thereof, and any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof, and any and all improvements to said Inventions conceived by Assignor, alone or with others, while working for, or under contract to, Assignee, whether or not such improvements are included in any Letters Patent or applications for Letters Patents.

Assignor acknowledges that said Inventions, including any improvements thereto, whether disclosed in said Documents or not, are the property of Assignee and any information related thereto, including said Documents and the information disclosed in said Documents, is to be maintained in confidence and is not to be disclosed by Assignor to any third party without the express written consent of Assignee. This obligation of confidentiality survives the termination of employment or any contract for any services between Assignor and Assignee.

Assignor agrees to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said Inventions in this and all foreign countries for the use of Assignee, said agreement surviving Assignor employment by, or contract with, Assignee.

Assignor understands that Bingham McHale LLP does not personally represent Assignor or Assignor's legal interests, but instead represents the interests of Assignee. Assignor acknowledges its right to retain its own independent legal counsel.

WITNESS Assignor's hand this 16th day of JUNE, 2011.

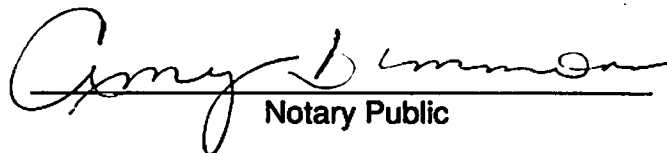


Paul Fathauer

STATE OF INDIANA)
COUNTY OF SULLIVAN) : SS

Before me, a Notary Public, in and for said County and State, personally appeared Paul Fathauer, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

2011 ~~2010~~ WITNESS my hand and Notarial Seal this 16 day of JUNE,



Notary Public

Printed: AMY SIMMONS

Resident of SULLIVAN County

My Commission Expires:

10-01-11

ASSIGNMENT
Docket No. 18938-93878

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3239074

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	PAUL FATHAUER	02/24/2015
RECEIVING PARTY DATA		
Name:	ADVANCED POWERTRAIN ENGINEERING, LLC	
Street Address:	112 N. CROSS STREET	
City:	SULLIVAN	
State/Country:	INDIANA	
Postal Code:	47882	
PROPERTY NUMBERS Total: 2		
Property Type	Number	
Application Number:	61909751	
Application Number:	14554662	
CORRESPONDENCE DATA		
Fax Number:	(317)236-9907	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Phone:	317-635-8900	
Email:	ptodocket@bgdlegal.com	
Correspondent Name:	KEITH J. SWEDO	
Address Line 1:	BINGHAM GREENEBAUM DOLL LLP	
Address Line 2:	2700 MARKET TOWER, 10 WEST MARKET STREET	
Address Line 4:	INDIANAPOLIS, INDIANA 46204	
ATTORNEY DOCKET NUMBER:	618938.100010 & 100009	
NAME OF SUBMITTER:	KEITH J. SWEDO	
SIGNATURE:	/Keith J. Swedo/	
DATE SIGNED:	02/24/2015	
Total Attachments: 4		
source=Assignment#page1.tif		
source=Assignment#page2.tif		
source=Assignment#page3.tif		
source=Assignment#page4.tif		

ASSIGNMENT

Paul Fathauer
112 N. Cross Street
Sullivan, IN 47882

hereinafter referred to (either singularly or collectively as appropriate) as the "Assignor" has created certain items of intellectual property in

SOLENOID REBUILDING METHOD FOR AUTOMATIC TRANSMISSIONS

which include subject matter protectable under various forms of intellectual property, for example, inventions, patents, copyrights, trade secrets, and/or trademarks, hereinafter referred to as the "Intellectual Property," created by the Assignor and as, at least in part, disclosed, described, claimed, and/or intended to be in

United States Provisional Patent Application No. 61/909,751,
which was filed on November 27, 2013

United States Patent Application No. 14/554,662,
which was filed on November 26, 2014

hereinafter referred to as the "Application."

For good, valuable and sufficient consideration to the Assignor, the receipt of which is hereby acknowledged, the Assignor does hereby grant, assign, sell and transfer unto

Advanced Powertrain Engineering, LLC, a corporation of the state of Indiana, having a principal place of business at 112 N. Cross Street, Sullivan, IN 47882, hereinafter referred to as the "Assignee," the Intellectual Property and all rights related thereto, hereinafter referred to as the "Intellectual Property and Related Rights", which include but are not limited to the following items (i) through (v) and (a) through (c):

- (i) all of the entire worldwide right, title, interest, and goodwill in, to and under the Intellectual Property,
- (ii) all of the entire worldwide right, title and interest in, to and under future developments, including improvements, in the Intellectual Property,
- (iii) all of the entire worldwide right, title and interest, together with all rights of priority, in, to and under the Application,
- (iv) all of the entire worldwide right, title and interest, including the beneficial interest, together with all rights of priority, in, to and under, including the right to file, any and all applications based on or arising from the Intellectual Property, future developments in the Intellectual Property, or the Application, which include, but are not limited to, provisional, non-provisional, utility, design, industrial design, innovation, international, national/regional phase, plant and petty patent applications, and any and all divisions, continuations, continuations-in-part, substitutes, extensions, re-examinations and reissues thereof, and
- (v) all of the entire worldwide right, title and interest, together with all rights of priority and rights of action for infringement, in, to and under any and all patents based on or arising from the Intellectual Property, future developments in the Intellectual Property, or the Application, which include, but are not limited to, non-provisional, utility, design, industrial design, international, national/regional phase, plant, and petty patent applications, and any and all divisions, continuations, continuations-in-part, substitutes, extensions, re-examinations and reissues thereof,

in all countries, United States and foreign, and under any applicable treaty or convention, which include but are not limited to

ASSIGNMENT

- (a) all past, present and future rights and privileges, legal, equitable and otherwise, including, to the extent permissible by law, rights and privileges related to the Assignor's attorney-client relationship,
- (b) all past, present and future causes of action, including causes of action for infringement and misappropriation, whether committed or accruing before, on or after the effective date of this assignment, and
- (c) all past, present and future remedies for damages and profits,

as related to the Intellectual Property, future developments in the Intellectual Property, the Application and any and all applications or patents based on or arising from the Intellectual Property, future developments in the Intellectual Property, or the Application, to be held and enjoyed by the Assignee as fully and entirely as the same would have been held and enjoyed by the Assignor if this assignment and sale had not been made.

To the extent not granted, assigned, sold or transferred to the Assignee by the above and for the good and valuable consideration acknowledged above, the Assignor agrees to and does hereby grant, assign, sell and transfer unto the Assignee any and all future developments, including improvements, in the Intellectual Property and Related Rights immediately and automatically upon existence.

The Assignor hereby COVENANTS AND WARRANTS that the Assignor has not executed and shall not execute any writing or perform any act whatsoever conflicting with this Assignment. This covenant and warranty includes, but is not limited to, a representation to the Assignee that no grant, assignment, sale, transfer, mortgage, license, encumbrance or other agreement affecting any portion, in whole or in part, of the Intellectual Property and Related Rights has been made to any party by the Assignor, and that the full right and authority to convey the Intellectual Property and Related Rights as herein expressed is possessed by the Assignor.

The Assignor hereby agrees that the Assignor will, in view of the good and valuable consideration acknowledged above, perform the following as relating to the Intellectual Property, the Application and the portions of any and all applications or patents based on or arising from the Intellectual Property or the Application in all countries, United States and foreign, and under any applicable treaty or convention:

- (1) communicate any and all facts and information known to the Assignor respecting the Intellectual Property and Related Rights to the Assignee and the Assignee's affiliates, legal representatives and successors;
- (2) sign, execute and deliver any and all other papers necessary or desirable to perfect the title to all of the entire right and interest, together with all rights of priority in, to and under the Intellectual Property, the Application and any and all applications or patents based on or arising from the Intellectual Property or the Application, including all rightful oaths, declarations, assignments, powers of attorney and other related papers, in and for the use of the Assignee and the Assignee's affiliates, legal representatives and successors;
- (3) testify in any legal or quasi-legal proceedings regarding any and all facts known to the Assignor relating to the Intellectual Property and Related Rights as requested by the Assignee and the Assignee's affiliates, legal representatives and successors;
- (4) act in the benefit of the Assignee, including not engaging in any acts resulting in intentional or unintentional waiver of attorney-client privileges, as relating to the Intellectual Property and Related Rights without express written authorization by the Assignee, and, if there is a waiver of attorney-client privileges, assert that any partial waiver of attorney-client privileges does not constitute a total waiver of attorney-client privileges; and
- (5) generally do everything reasonable to aid in securing, maintaining and enforcing proper protection for the Intellectual Property and Related Rights in the Assignee and the Assignee's affiliates, legal representatives and successors.

ASSIGNMENT

The Assignor hereby agrees that any partial waiver of the Assignor's attorney-client rights and privileges as related to the Intellectual Property and Related Rights, whether inadvertent, willful, past, present or future, does not constitute a total waiver of the Assignor's attorney-client rights and privileges.

The Assignor hereby authorizes and requests the Honorable Commissioner for Patents to issue any aforesaid patent to the Assignee and the Assignee's affiliates, legal representatives and successors.

Assignor understands that Bingham Greenebaum Doll LLP does not personally represent Assignor or Assignor's legal interests, but instead represents the interests of Assignee. Assignor acknowledges Assignor's right to retain Assignor's own independent legal counsel.

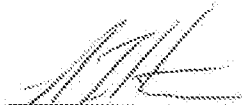
This Assignment embodies the complete and final agreement between the parties on this subject and shall be governed and controlled as to validity, enforcement, interpretation, construction, effect and in all other respects by the laws of the United States, and in particular in accordance with the laws of the State of Indiana, without reference to the conflict of laws principles thereof. It is further understood that Assignor consents to the courts of Indiana in connection with any dispute arising under the Assignment.

If any provision or term of this Assignment shall be ruled invalid or unenforceable by a court of competent jurisdiction, such decision shall not affect the validity or enforceability of the remaining provisions and terms of this Assignment, which remaining provisions and terms shall continue in full force and effect as if this Assignment had been executed with the invalid portion eliminated.

This Assignment is hereby made effective as of November 27, 2013.

Assignee:

Assignee hereby accepts the sale, transfer and assignment of the Intellectual Property and Related Rights.



Signature (Assignee)

Printed Name:

PAUL FATHAUER

Title:

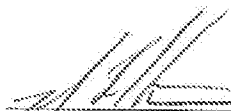
MANAGING PARTNER

Company: Advanced Powertrain Engineering, LLC

Date: 28 day of FEBRUARY, 20 15

ASSIGNMENT

Assignor:



Signature (Assignor/Inventor)

Printed Name: Paul Fathauer

Date: 24th day of February, 20 15

Notary:

STATE OF IN)
COUNTY OF Sullivan) : SS

Before me, a Notary Public, in and for the County and State, personally appeared the above-named Assignor, Paul Fathauer, who executed the foregoing Assignment in my presence and acknowledged the execution thereof as their free and voluntary act and deed for the uses and purposes therein set forth and expressed.

Signature (Notary Public):



Printed Name:

Cheri Strain

Date: 24 day of

February, 20 15

Resident of

Sullivan

County

My Commission Expires:

09/24/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2608967

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PAUL FATHAUER	11/05/2013
RECEIVING PARTY DATA	
Name:	ADVANCED POWERTRAIN ENGINEERING, LLC
Street Address:	112 NORTH CROSS STREET
City:	SULLIVAN
State/Country:	INDIANA
Postal Code:	47883
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13856862
CORRESPONDENCE DATA	
Fax Number:	(317)236-9907
Phone:	317-635-8900
Email:	ptodocket@bgdlegal.com
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>	
Correspondent Name:	JOHN V. DANILUCK
Address Line 1:	BINGHAM GREENEBAUM DOLL LLP
Address Line 2:	10 WEST MARKET STREET, SUITE 2700
Address Line 4:	INDIANAPOLIS, INDIANA 46204
ATTORNEY DOCKET NUMBER:	618938.100001
NAME OF SUBMITTER:	JOHN V. DANILUCK
Signature:	/John V. Daniluck/
Date:	11/08/2013
Total Attachments: 2 source=APEassignment#page1.tif source=APEassignment#page2.tif	

CH \$40.00 13856862

ASSIGNMENT

WHEREAS, Paul Fathauer of 112 N. Cross Street, Sullivan, IN 47882, hereinafter referred to as Assignor, has made new and useful inventions in the field of REBUILDING SOLENOID ASSEMBLIES FOR AUTOMATIC TRANSMISSIONS as described in drawings, notes, and recorded media (collectively, "Documents") and as described at least in part in US provisional patent application Serial No. 61/620,217, filed April 4, 2012, US provisional patent application Serial No. 61/793,642, filed March 15, 2013; US patent application Serial No. 13/772,453, filed February 21, 2013; US patent application Serial No. 12/905,409, filed October 15, 2010, now US Patent No. 8,387,254; and US patent application Serial No. 13,856,862, filed April 4, 2013; (hereinafter "Inventions");

WHEREAS, Advanced Powertrain Engineering, LLC., hereinafter referred to as Assignee, a corporation of the State of Indiana, having a principal place of business at 112 North Cross Street, Sullivan, IN 47883, hereinafter referred to as Assignee, desires to acquire and has acquired all of the entire right, title, and interest in, to and under said Documents and said Inventions and in any Letters Patent, United States and foreign, which may be obtained therefore and thereon;

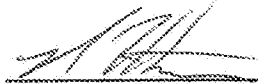
NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of good, valuable and sufficient consideration to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under said Inventions, and in, to and under said applications for United States Letters Patent, and any and all other applications thereon and arising therefrom, including any and all applications claiming the benefit thereof, and any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof, and any and all improvements to said Inventions conceived by Assignor, alone or with others, while working for, or under contract to, Assignee, whether or not such improvements are included in any Letters Patent or applications for Letters Patents.

Assignor acknowledges that said Inventions, including any improvements thereto, whether disclosed in said Documents or not, are the property of Assignee and any information related thereto, including said Documents and the information disclosed in said Documents, is to be maintained in confidence and is not to be disclosed by Assignor to any third party without the express written consent of Assignee. This obligation of confidentiality survives the termination of employment or any contract for any services between Assignor and Assignee.

Assignor agrees to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said Inventions in this and all foreign countries for the use of Assignee, said agreement surviving Assignor employment by, or contract with, Assignee.

Assignor understands that Bingham McHale LLP does not personally represent Assignor or Assignor's legal interests, but instead represents the interests of Assignee. Assignor acknowledges its right to retain its own independent legal counsel.

WITNESS Assignor's hand this 5th day of NOVEMBER, 2013.



Paul Fathauer

STATE OF Indiana)
COUNTY OF Sullivan) : SS

Before me, a Notary Public, in and for said County and State, personally appeared Paul Fathauer, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 5th day of November, 2010.


Notary Public

Printed: Kelly J Thrasher

Resident of Sullivan County

My Commission Expires:

6-25-15

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3905919

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	PAUL FATHAUER	11/12/2010
RECEIVING PARTY DATA		
Name:	ADVANCED POWERTRAIN ENGINEERING, LLC	
Street Address:	112 NORTH CROSS STREET	
City:	SULLIVAN	
State/Country:	INDIANA	
Postal Code:	47883	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14861645
CORRESPONDENCE DATA		
Fax Number:	(317)236-9907	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Phone:	317-635-8900	
Email:	ptodocket@bgdlegal.com	
Correspondent Name:	DOUGLAS G. GALLAGHER	
Address Line 1:	BINGHAM GREENEBAUM DOLL LLP	
Address Line 2:	2700 MARKET TOWER, 10 WEST MARKET STREET	
Address Line 4:	INDIANAPOLIS, INDIANA 46204	
ATTORNEY DOCKET NUMBER:	618938.100014	
NAME OF SUBMITTER:	DOUGLAS G. GALLAGHER	
SIGNATURE:	/Douglas G. Gallagher/	
DATE SIGNED:	06/07/2016	
Total Attachments: 2		
source=Assignment_93041#page1.tif		
source=Assignment_93041#page2.tif		

ASSIGNMENT

WHEREAS, Paul Fathauer of 112 N. Cross Street, Sullivan, IN 47882, hereinafter referred to as Assignor, has made new and useful inventions in the field of METHOD OF REBUILDING SOLENOIDS FOR AUTOMATIC TRANSMISSIONS as described in drawings, notes, and recorded media (collectively, "Documents") and as described at least in part in United States provisional patent applications Serial No. 61/251,977, filed October 15, 2009; and in a U.S. Utility Patent Application Serial No. 12/905,409, filed October 15, 2010 (hereinafter "Inventions");

WHEREAS, Advanced Powertrain Engineering, LLC., hereinafter referred to as Assignee, a corporation of the State of Indiana, having a principal place of business at 112 North Cross Street, Sullivan, IN 47883, hereinafter referred to as Assignee, desires to acquire and has acquired all of the entire right, title, and interest in, to and under said Documents and said Inventions and in any Letters Patent, United States and foreign, which may be obtained therefore and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of good, valuable and sufficient consideration to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under said Inventions, and in, to and under said applications for United States Letters Patent, and any and all other applications thereon and arising therefrom, including any and all applications claiming the benefit thereof, and any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof, and any and all improvements to said Inventions conceived by Assignor, alone or with others, while working for, or under contract to, Assignee, whether or not such improvements are included in any Letters Patent or applications for Letters Patents.

Assignor acknowledges that said Inventions, including any improvements thereto, whether disclosed in said Documents or not, are the property of Assignee and any information related thereto, including said Documents and the information disclosed in said Documents, is to be maintained in confidence and is not to be disclosed by Assignor to any third party without the express written consent of Assignee. This obligation of confidentiality survives the termination of employment or any contract for any services between Assignor and Assignee.

Assignor agrees to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said Inventions in this and all foreign countries for the use of Assignee, said agreement surviving Assignor employment by, or contract with, Assignee.

Assignor understands that Bingham McHale LLP does not personally represent Assignor or Assignor's legal interests, but instead represents the interests of Assignee. Assignor acknowledges its right to retain its own independent legal counsel.

WITNESS Assignor's hand this 12th day of NOVEMBER, 2010.

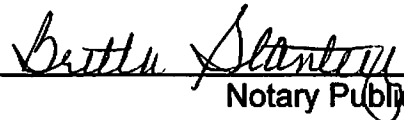


Paul Fathauer

STATE OF Indiana)
COUNTY OF Sullivan) : SS

Before me, a Notary Public, in and for said County and State, personally appeared Paul Fathauer, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 12th day of November, 2010.


Notary Public

Printed: Bretta Stanley

Resident of Sullivan County

My Commission Expires:

4-23-2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3905928

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	PAUL FATHAUER	11/05/2013
RECEIVING PARTY DATA		
Name:	ADVANCED POWERTRAIN ENGINEERING, LLC	
Street Address:	112 NORTH CROSS STREET	
City:	SULLIVAN	
State/Country:	INDIANA	
Postal Code:	47883	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14861645
CORRESPONDENCE DATA		
Fax Number:	(317)236-9907	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Phone:	317-635-8900	
Email:	ptodocket@bgdlegal.com	
Correspondent Name:	DOUGLAS G. GALLAGHER	
Address Line 1:	BINGHAM GREENEBAUM DOLL LLP	
Address Line 2:	2700 MARKET TOWER, 10 WEST MARKET STREET	
Address Line 4:	INDIANAPOLIS, INDIANA 46204	
ATTORNEY DOCKET NUMBER:	618938.100014	
NAME OF SUBMITTER:	DOUGLAS G. GALLAGHER	
SIGNATURE:	/Douglas G. Gallagher/	
DATE SIGNED:	06/07/2016	
Total Attachments: 2		
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source=Assignment_100001#page2.tif		

ASSIGNMENT

WHEREAS, Paul Fathauer of 112 N. Cross Street, Sullivan, IN 47882, hereinafter referred to as Assignor, has made new and useful inventions in the field of REBUILDING SOLENOID ASSEMBLIES FOR AUTOMATIC TRANSMISSIONS as described in drawings, notes, and recorded media (collectively, "Documents") and as described at least in part in US provisional patent application Serial No. 61/620,217, filed April 4, 2012, US provisional patent application Serial No. 61/793,642, filed March 15, 2013; US patent application Serial No. 13/772,453, filed February 21, 2013; US patent application Serial No. 12/905,409, filed October 15, 2010, now US Patent No. 8,387,254; and US patent application Serial No. 13,856,862, filed April 4, 2013; (hereinafter "Inventions");

WHEREAS, Advanced Powertrain Engineering, LLC., hereinafter referred to as Assignee, a corporation of the State of Indiana, having a principal place of business at 112 North Cross Street, Sullivan, IN 47883, hereinafter referred to as Assignee, desires to acquire and has acquired all of the entire right, title, and interest in, to and under said Documents and said Inventions and in any Letters Patent, United States and foreign, which may be obtained therefore and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of good, valuable and sufficient consideration to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under said Inventions, and in, to and under said applications for United States Letters Patent, and any and all other applications thereon and arising therefrom, including any and all applications claiming the benefit thereof, and any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof, and any and all improvements to said Inventions conceived by Assignor, alone or with others, while working for, or under contract to, Assignee, whether or not such improvements are included in any Letters Patent or applications for Letters Patents.

Assignor acknowledges that said Inventions, including any improvements thereto, whether disclosed in said Documents or not, are the property of Assignee and any information related thereto, including said Documents and the information disclosed in said Documents, is to be maintained in confidence and is not to be disclosed by Assignor to any third party without the express written consent of Assignee. This obligation of confidentiality survives the termination of employment or any contract for any services between Assignor and Assignee.

Assignor agrees to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said Inventions in this and all foreign countries for the use of Assignee, said agreement surviving Assignor employment by, or contract with, Assignee.

Assignor understands that Bingham McHale LLP does not personally represent Assignor or Assignor's legal interests, but instead represents the interests of Assignee. Assignor acknowledges its right to retain its own independent legal counsel.

WITNESS Assignor's hand this 5th day of NOVEMBER, 2013.



Paul Fathauer

STATE OF Indiana)
COUNTY OF Sullivan) : SS

Before me, a Notary Public, in and for said County and State, personally appeared Paul Fathauer, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 5th day of November, 2010.


Notary Public

Printed: Kelly J Thrasher

Resident of Sullivan County

My Commission Expires:

6-25-15

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5875054

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PAUL FATHAUER	06/16/2011
RECEIVING PARTY DATA	
Name:	ADVANCED POWERTRAIN ENGINEERING, LLC
Street Address:	112 NORTH CROSS STREET
City:	SULLIVAN
State/Country:	INDIANA
Postal Code:	47883
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16107755
CORRESPONDENCE DATA	
Fax Number:	(317)236-9907
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	317-635-8900
Email:	ptodocket@bgdlegal.com
Correspondent Name:	JOHN V. DANILUCK
Address Line 1:	BINGHAM GREENEBAUM DOLL LLP
Address Line 2:	10 WEST MARKET STREET, SUITE 2700
Address Line 4:	INDIANAPOLIS, INDIANA 46204
ATTORNEY DOCKET NUMBER:	618938.100016
NAME OF SUBMITTER:	JOHN V. DANILUCK
SIGNATURE:	/John V. Daniluck/
DATE SIGNED:	12/18/2019
Total Attachments: 2	
source=Assignment#page1.tif	
source=Assignment#page2.tif	

ASSIGNMENT

WHEREAS, Paul Fathauer of 112 N. Cross Street, Sullivan, IN 47882, hereinafter referred to as Assignor, has made new and useful inventions in the field of PRINTED CIRCUIT ASSEMBLY FOR A SOLENOID MODULE FOR AN AUTOMATIC TRANSMISSION as described in drawings, notes, and recorded media (collectively, "Documents") and as described at least in part in United States provisional patent applications Serial No. 61/098,117, filed September 18, 2008; Patent Cooperation Treaty application Serial No. PCT/US2009/057514, filed September 18, 2009, and in a U.S. Utility Patent Application Serial No. 13/119,041, filed March 15, 2011 (hereinafter "Inventions");

WHEREAS, Advanced Powertrain Engineering, LLC., hereinafter referred to as Assignee, a corporation of the State of Indiana, having a principal place of business at 112 North Cross Street, Sullivan, IN 47883, hereinafter referred to as Assignee, desires to acquire and has acquired all of the entire right, title, and interest in, to and under said Documents and said Inventions and in any Letters Patent, United States and foreign, which may be obtained therefore and thereon;

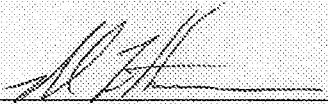
NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of good, valuable and sufficient consideration to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under said Inventions, and in, to and under said applications for United States Letters Patent, and any and all other applications thereon and arising therefrom, including any and all applications claiming the benefit thereof, and any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof, and any and all improvements to said Inventions conceived by Assignor, alone or with others, while working for, or under contract to, Assignee, whether or not such improvements are included in any Letters Patent or applications for Letters Patents.

Assignor acknowledges that said Inventions, including any improvements thereto, whether disclosed in said Documents or not, are the property of Assignee and any information related thereto, including said Documents and the information disclosed in said Documents, is to be maintained in confidence and is not to be disclosed by Assignor to any third party without the express written consent of Assignee. This obligation of confidentiality survives the termination of employment or any contract for any services between Assignor and Assignee.

Assignor agrees to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said Inventions in this and all foreign countries for the use of Assignee, said agreement surviving Assignor employment by, or contract with, Assignee.

Assignor understands that Bingham McHale LLP does not personally represent Assignor or Assignor's legal interests, but instead represents the interests of Assignee. Assignor acknowledges its right to retain its own independent legal counsel.

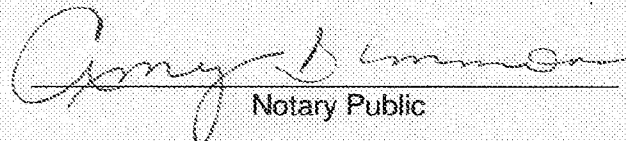
WITNESS Assignor's hand this 16th day of JUNE, 2011.


Paul Fathauer

STATE OF INDIANA)
COUNTY OF SULLIVAN) : SS

Before me, a Notary Public, in and for said County and State, personally appeared Paul Fathauer, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 16 day of JUNE,
2011 ~~2010~~


Notary Public

Printed: AMY SIMMONS

Resident of SULLIVAN County

My Commission Expires:

10-01-11

ASSIGNMENT
Docket No. 18938-93878

**Exhibit B
Patents**

**Advanced Powertrain Engineering, LLC
Patent Portfolio**

Country	Title	App No.	Patent No./ Pub. No.	Filing Date	Grant Date/ Pub. Date
US	Printed Circuit Assembly For A Solenoid Module For An Automatic Transmission	13/119,041	9,198,301	9/18/2009	11/24/2015
US	Printed Circuit Assembly For A Solenoid Module For An Automatic Transmission	14/850,253	9,844,137	9/10/2015	12/12/2017
US	Printed Circuit For An Automatic Transmission Solenoid Module	29/540,243	D883,240	9/22/2015	05/05/2020
US	Printed Circuit Assembly For A Solenoid Module For An Automatic Transmission	16/107,755	20190183125	8/21/2018	6/20/2019
US	Method Of Rebuilding Solenoids For Automatic Transmissions	12/905,409	8,387,254	10/15/2010	03/05/2013
US	Method Of Rebuilding Solenoids For Automatic Transmissions	13/772,453	9,248,527	2/21/2013	02/02/2016
US	Retaining Clip For Electrical Connections	13/848,513	9,048,595	3/21/2013	06/02/2015
US	Retaining Clip For Electrical Connections	14/707,340	9,761,986	5/8/2015	09/12/2017
US	Solenoid Rebuilding Method For Automatic Transmissions	14/554,662	9,970,533	11/26/2014	05/15/2018
US	Rebuilding Solenoid Assemblies For Automatic Transmissions	13/856,862	2013/0333218	4/4/2013	12/19/2013

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US	Method Of Rebuilding Solenoids For Automatic Transmissions	14/861,645	2016/0008932	9/22/2015	1/14/2016
CA	Method Of Rebuilding Solenoids For Automatic Transmissions	CA2717752	2,717,752	10/15/2010	01/23/2018
CA	Retaining Clip For Electrical Connectors	CA2810863	2,810,863	3/21/2013	9/21/2013
CA	Printed Circuit Assembly For A Solenoid Module For An Automatic Transmission	CA 2745720	CA 2,745,720	9/18/2009	3/25/2010
WO	Printed Circuit Assembly For A Solenoid Module For An Automatic Transmission	PCT/US2009/0575	WO 2010/033827	9/18/2009	3/25/2010