PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4184534

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID COLAVINCENZO	12/07/2016
FERNANDO VENEGAS DIAZ	12/07/2016

RECEIVING PARTY DATA

Name:	BENDIX COMMERCIAL VEHICLE SYSTEMS LLC
Street Address:	901 CLEVELAND STREET
City:	ELYRIA
State/Country:	OHIO
Postal Code:	44035

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15378251

CORRESPONDENCE DATA

Fax Number: (202)628-8844

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.

Email: mbrooks@crowell.com **CROWELL & MORING LLP** Correspondent Name:

Address Line 1: 1001 PENNSYLVANIA AVENUE NW

Address Line 4: WASHINGTON, D.C. 20004

ATTORNEY DOCKET NUMBER:	102761.69780US	
NAME OF SUBMITTER:	: MARK H. NEBLETT, REG. NO. 42,028	
SIGNATURE:	/Mark H. Neblett/	
DATE SIGNED: 12/14/2016		
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

source=69780US Combined Assignment and Declaration#page1.tif source=69780US_Combined Assignment and Declaration#page2.tif

PATENT REEL: 040731 FRAME: 0710 504144688

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

Title of Invention:	Front End Motor Generator and Hybrid electric Vehicle Operating Method		
the application i	claration are directed to (cl dentified above by the attoral al Application Number pplication No	rney docket no. and tit , filed	
	ASS	<u>IGNMENT</u>	
For good and valuable below named inventor	consideration, the receipt a I have sold and assigned, a	nd sufficiency of which nd by these presents he	h are hereby acknowledged, as a reby sell and assign, unto:
Name of Assignee:	Bendix Commercial Vel	nicle Systems LLC	
Address of Assignee:	901 Cleveland Street, El	lyria, Ohio 44035	
and to the above-identificontinuations thereof, a such application or for enjoyed by said ASSIG	fied invention and United S nd in and to any and all Le said invention, including ar NEE, its successors or assi be granted as fully and en	states patent application tters Patent of the Unit my and all reissues or e gns to the full end of the	ates, its territories and possessions in n, including any and all divisions or ed States which may issue on any xtensions thereof, to be held and he term or terms for which any and all een held and enjoyed by me had this
I hereby authorize and a Letters Patent to said A	request the Director of the I SSIGNEE, its successors o	U.S. Patent and Traden r assigns in accordance	nark Office to issue any and all such e herewith.
I warrant and covenant that I have the full and unencumbered right to sell and assign the interests herein sold and assigned and that I have not executed and will not execute any document or instrument in conflict herewith.			
I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors or assigns, or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention.			
	DEC	<u>LARATION</u>	
As a below named inve	ntor, I hereby declare that:		
The above-identified ap	plication was made or auth	orized to be made by i	ne.
I believe that I am the o	riginal inventor or an origi	nal joint inventor of a	claimed invention in the application.
I hereby acknowledge to 1001 by fine or impriso	hat any willful false statem nment of not more than fiv	ent made in this declar e (5) years, or both.	ation is punishable under 18 U.S.C.
Signature: Inventor: David	COLAVINCENZO		

RECORDED: 12/14/2016

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

Title of Invention:	Front End Motor Generator and Hybrid electric Vehicle Operating Method		
This assignment and declaration are directed to (check one): the application identified above by the attorney docket no. and title of invention PCT International Application Number, filed United States Application No, filed			
	ASSIGNME	:NT	
	consideration, the receipt and sufficien	ncy of which are hereby acknowledged, as a presents hereby sell and assign, unto:	
Name of Assignee:	Bendix Commercial Vehicle System	ms LLC	
Address of Assignee:	901 Cleveland Street, Elyria, Ohio	44035	
and to the above-identi continuations thereof, a such application or for enjoyed by said ASSIC	fied invention and United States paten and in and to any and all Letters Paten said invention, including any and all r SNEE, its successors or assigns to the by be granted as fully and entirely as we	te United States, its territories and possessions in at application, including any and all divisions or tof the United States which may issue on any reissues or extensions thereof, to be held and full end of the term or terms for which any and all ould have been held and enjoyed by me had this	
I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith.			
I warrant and covenant that I have the full and unencumbered right to sell and assign the interests herein sold and assigned and that I have not executed and will not execute any document or instrument in conflict herewith.			
I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors or assigns, or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention.			
DECLARATION			
As a below named inventor, I hereby declare that:			
The above-identified application was made or authorized to be made by me.			
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.			
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
Signature: Inventor: Ferna	indo VENEGAS DIAZ	12-7-16 DATE	

PATENT REEL: 040731 FRAME: 0712