502681234 02/14/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2727841

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATT Y. RUPP	02/05/2014
GERALD H. ENGELMAN	02/12/2014
ALEX MAURICE MILLER	02/05/2014
TIMOTHY D. ZWICKY	02/03/2014
LEVASSEUR TELLIS	02/07/2014
RICHARD LEE STEPHENSON	02/05/2014

RECEIVING PARTY DATA

Name:	FORD GLOBAL TECHNOLOGIES, LLC	
Street Address:	330 TOWN CENTER DRIVE	
Internal Address:	SUITE 800	
City:	DEARBORN	
State/Country:	MICHIGAN	
Postal Code:	48126	

PROPERTY NUMBERS Total: 1

Property Type Number	
Application Number:	14180788

CORRESPONDENCE DATA

Fax Number:

 Phone:
 313-528-4882

 Email:
 docket@bvbip.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: BEJIN, VANOPHEM & BIENEMAN PLC FORD GLOB

Address Line 1: 300 RIVER PLACE
Address Line 2: SUITE 1650

Address Line 4: DETROIT, MICHIGAN 48207

ATTORNEY DOCKET NUMBER: 83411062 PATENT

502681234 REEL: 032220 FRAME: 0434

NAME OF SUBMITTER:	CHARLES A. BIENEMAN		
Signature:	/Charles A. Bieneman/		
Date:	02/14/2014		
	This document serves as an Oath/Declaration (37 CFR 1.63).		
Total Attachments: 6 source=83411062_Assignment_and_Declaration6_inventors#page1.tif source=83411062_Assignment_and_Declaration6_inventors#page2.tif source=83411062_Assignment_and_Declaration6_inventors#page3.tif source=83411062_Assignment_and_Declaration6_inventors#page4.tif source=83411062_Assignment_and_Declaration6_inventors#page5.tif source=83411062_Assignment_and_Declaration6_inventors#page6.tif			

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Title of Invention	AUTONOMOUS CONTROL IN A DENSE VEHICLE ENVIRONMENT				
This declaration is directed to:					
	X The attached application, or United States application or PCT international application number filed on				
The above-identified app	olication was made or authorized to be made by me.				
I hereby state that I have including the claims.	ve reviewed and understand the contents of the specification in the above-identified application,				
I believe that I am the or	iginal inventor or an original joint inventor of a claimed invention in the application.				
continuation-in-part app	o disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for discations, material information which became available between the filing date of the prior nal or PCT international filing date of the continuation-in-part application.				
Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No.					
including applications for organizations, and to pe	myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, or Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental rform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives secure thereto the rights herein sold, assigned and set over.				
And I hereby represent a	and warrant that I have not granted any rights inconsistent with the rights granted herein.				
	nat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine more than five (5) years or both.				
LEGAL NAME OF INV					
Inventor: Matt Y. I	Nupp Date:				
Signature:	Wally Congression				
Note: An Application Dat Use an additional declarati	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, on form for each additional inventor.				

Please direct all correspondence to: 113140

Attorney Dycket Number 83411062	
The state of the s	

ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

Title of Invention A	UTONOMOUS CONTROL IN A DE	ENSE VEHICLE ENVIRONMENT		
This declaration is directed to:				
United Sh	ned application, or stes application or PCT international application filed on			
The above-identified applica	ation was made or authorized to be made by me	e.		
I hereby state that I have r including the claims.	eviewed and understand the contents of the s	specification in the above-identified application,		
I believe that I am the origin	al inventor or an original joint inventor of a cla	aimed invention in the application.		
continuation-in-part applies		ability as defined in 37 C.F.R. 1.56, including for available between the filing date of the prior ation-in-part application.		
Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————				
And I hereby agree for myself, my beirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights berein sold, assigned and set over.				
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.				
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.				
LEGAL NAME OF INVEN	TOR			
Inventor: Gerald H. Eng	elman	Date: $\frac{2/14/2014}{}$		
Signature: <u>LUC</u>				
	0			
	ieet (PTO/SB/14 or equivalent), including naming t orm for each additional inventor.	the entire inventive entity, must accompany this form.		

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	ا مسمد سما
A security Dealers Norman	UZMIJNAT
Attorney Docket Number	0.741.1402

Title of Inventi	ion	AUTONOMOUS CONTROL IN A DENSE VEHICLE ENVIRONMENT	
This declaration i	is direct	ed to:	
Ä	X The attached application, or United States application or PCT international application number filed on		
The above-identi	fied app	ilication was made or authorized to be made by me.	
I hereby state the including the claim		ve reviewed and understand the contents of the specification in the above-identified application,	
I believe that I an	n the or	iginal inventor or an original joint inventor of a claimed invention in the application.	
continuation-in-p	art app	o disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for olications, material information which became available between the filing date of the prior nal or PCT international filing date of the continuation-in-part application.	
Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No.			
including applications, ar	ations f id to pe	myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, or Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental rform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives secure thereto the rights herein sold, assigned and set over.	
And I hereby rep	resent a	and warrant that I have not granted any rights inconsistent with the rights granted herein.	
I hereby acknow	dedge ti	nat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine more than five (5) years or both.	
LEGAL NAME	OF INV	/ENTOR	
Inventor: _A	<u>llex M</u> a	urice Miller Date:	
Signature:		M. M.	
Note: An Applica Use an additional	ation Da declarati	ta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. on form for each additional inventor.	

Attorney Docket Number	03411023
Amomey Locket Number	1 3341390Z
7 44.44.44	

Title of Inventi	on AUTONOMOUS CONTROL IN A DENSE VEHICLE ENVIRONMENT			
This declaration i	s directed to:			
×	The attached application, or United States application or PCT international application number filed on			
The above-identif	fied application was made or authorized to be made by me.			
I hereby state the including the claim	at I have reviewed and understand the contents of the specification in the above-identified applications.			
I believe that I an	the original inventor or an original joint inventor of a claimed invention in the application.			
continuation-in-p	duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including art applications, material information which became available between the filing date of the proper national or PCT international filing date of the continuation-in-part application.			
FORD GLOBAL of the State of Dhereinafter referr interest, domestic of the ASSIGNE for the inventions name or names, consert the serial/  ASSIGNEE, its applications, in a including all application of the state of the serial of	rmployment agreement heretofore made or by contractual obligation, I do sell, assign and set over un TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the la belaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigated to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title at and foreign, in and to the inventions and discoveries in the above-identified invention including the right, its successors, assigns or other legal representatives to make applications and to receive Letters Pates and discoveries in any and all countries, entities and intergovernmental organizations, in its or their or or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney application number and filing date of the application to receive Letters Patent herein: Serial in the properties of the priority of the successors, assigns or other legal representatives, all rights of priority, including any provision of the inventions and discoveries in any and all countries, entities and intergovernmental organization plications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionand reissue applications.			
including applica organizations, an	ree for myself, my heirs, successors, assigns or other legal representatives to execute any and all paper tions for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmen d to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatively to secure thereto the rights herein sold, assigned and set over.			
And I hereby rep	resent and warrant that I have not granted any rights inconsistent with the rights granted herein.			
	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by f of not more than five (5) years or both.			
LEGAL NAME	OF INVENTOR			
Inventor: <u>I</u>	The state of the s			
Signature:				
	tion Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this fo lectaration form for each additional inventor.			

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Attorney Docke				
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Title of Invention	an AUTONOMOU:	S CONTROL IN A DENS	SE VEHICLE ENVIRONMENT
This declaration is	s directed to:		
	The attached application, or United States application or	PCT international application nu	umber
i	ied application was made or a		
I hereby state that including the claim	t I have reviewed and undeus.	rstand the contents of the spec	rification in the above-identified application,
I believe that I am	the original inventor or an or	riginal joint inventor of a claime	ed invention in the application.
COMMINGROOM-63-PG	u appucations, material mi	which is material to patentability formation which became avail al filing date of the continuation	ty as defined in 37 C.F.R. 1.56, including for lable between the filing date of the prior in-part application.
of the State of De hereinafter referrer interest, domestic of the ASSIGNEE for the inventions name or names, or insert the serial/a  ASSIGNEE, its sapplications, in and including all applications.	elaware, having its principal of to as the ASSIGNEE, its and foreign, in and to the inverse its successors, assigns or or and discoveries in any and all in my name, at its or their expelication number and filing	place of business at Dearborn, successors, assigns or other leggentions and discoveries in the atther legal representatives to mail countries, entities and intergolection (and I hereby authorizeing date of the application to hereby authorizes and intergolection (and I hereby authorizes and all countries were sin any and all countries and rights.)	bligation, I do sell, assign and set over unto a organized and existing by virtue of the laws. County of Wayne, and State of Michigan, gal representatives, the entire right, title and above-identified invention including the right above-identified invention including the right was applications and to receive Letters Patent overnmental organizations, in its or their own the ASSIGNEE or ASSIGNEE's attorney to receive Letters Patent herein: Serial No. and I hereby sell, assign and set over to the other of priority, including any provisional entities and intergovernmental organizations inuations, continuations-in-part, divisionals,
organizations, and may deem necessar	to perform any and all acts or to secure thereto the rights	y and all kinds and in any and which the ASSIGNEE, its succentricity herein sold, assigned and set over the control of the con	
And I hereby repres	sent and warrant that I have r	ot granted any rights inconsiste	nt with the rights granted herein.
en montantification	r nor more man nye (5) years	ement made in this declaration or both.	is punishable under 18 U.S.C. 1001 by fine
LEGAL NAME OF Inventor: Lev	FINVENTOR <u>(asseur T</u> elfis		2 / ~ / ~ ·
LOUIS CONTRACTOR OF THE PROPERTY OF THE PROPER	descrit Tettis		Date: 25/20/5/
Signature:	<u> </u>	<u> </u>	J. July
Note: An Applicatio	in Data Sheet (PTO/SB/14 or ec	privalent), including naming the en	ntire inventive entity, must accompany this form.
Use an additional dec	laration form for each additional	Intentor	and the same of the same street with the same

RECORDED: 02/14/2014

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Attorney Docket Number	

## ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

little of Invention	AUTONOMOUS CONTROL IN A DENSE VEHICLE ENVIRONMENT			
This declaration is directed to:				
	ne attached application, or sited States application or PCT international application number filed on			
The above-identified	application was made or authorized to be made by me.			
I hereby state that I including the claims.	have reviewed and understand the contents of the specification in the above-identified application,			
I believe that I am th	e original inventor or an original joint inventor of a claimed invention in the application.			
continuation-in-part	ty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for applications, material information which became available between the filing date of the prior ational or PCT international filing date of the continuation-in-part application.			
FORD GLOBAL TE of the State of Dela hereinafter referred interest, domestic an of the ASSIGNEE, i for the inventions an name or names, or in insert the serial/app ASSIGNEE, its suc- applications, in and	CHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws ware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and d foreign, in and to the inventions and discoveries in the above-identified invention including the right its successors, assigns or other legal representatives to make applications and to receive Letters Patent d discoveries in any and all countries, entities and intergovernmental organizations, in its or their own 1 my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to oblication number and filing date of the application to receive Letters Patent herein: Serial No.  ———————————————————————————————————			
including application organizations, and to	for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, as for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives to secure thereto the rights herein sold, assigned and set over.			
And I hereby represe	ent and warrant that I have not granted any rights inconsistent with the rights granted herein.			
or imprisonment of r	ge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine not more than five (5) years or both.			
LEGAL, NAME OF Inventor: Rich:	INVENTOR  ard Lee Stephenson Date: 5 Feb /4			
Signature: $\frac{10000}{1000}$	2 Les Atyph			
Note: An Application Use an additional decla	Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, tration form for each additional inventor.			