PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Joe F. Stanek	08/22/2013
Mathew Alan Boesch	08/22/2013
Anthony David Tsakiris	08/22/2013
Tony A. Lockwood	08/22/2013
Emrah Adamey	08/22/2013

RECEIVING PARTY DATA

Name:	Ford Global Technologies, LLC
Street Address:	800 Fairlane Plaza South
Internal Address:	330 Town Center Drive
City:	Dearborn
State/Country:	MICHIGAN
Postal Code:	48126

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13975547

CORRESPONDENCE DATA

502470979

Fax Number: 2489888363

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

248-988-8360 Phone: Email: docket@cgolaw.com Correspondent Name: Todd W. Barrett

Address Line 1: 400 W. Maple Road, Suite 350 Address Line 2: Carlson, Gaskey & Olds Address Line 4: Birmingham, MICHIGAN 48009

ATTORNEY DOCKET NUMBER: 67186-034PUS1;83382232

PATENT

REEL: 031079 FRAME: 0519

NAME OF SUBMITTER:	Todd W. Barrett
Signature:	/Todd W. Barrett/
Date:	08/26/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 5 source=Executed-AssignmentDeclaration#psource=Executed-Executed-Executed-Executed-Executed-Executed-Executed-Executed-Executed-Executed-Executed-Executed-Executed-Executed-Executed-Executed-Ex	page2.tif

source=Executed-AssignmentDeclaration#page4.tif

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Attorney Docket Number	83382232
	7186-034 PUS1

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	SENSOR FUSION VEHICLE VELOCITY ESTIMATION SYSTEM AND METHOD
This declaration is	
[X] 1 □ U	The attached application, or Juited States application or PCT international application number filed on
The above-identifie	ed application was made or authorized to be made by me.
I hereby state that including the claim	I have reviewed and understand the contents of the specification in the above-identified application, s.
I believe that I am t	the original inventor or an original joint inventor of a claimed invention in the application.
continuation-in-par	duty 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 national or PCT international filing date of the continuation-in-part application.
of the State of De hereinafter referred interest, domestic of the ASSIGNEE for the inventions name or names, or insert the serial/a ASSIGNEE, its sapplications, in an including all app	rechnologies, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws claware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, do to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and and foreign, in and to the inventions and discoveries in the above-identified invention including the right and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own rin my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to application number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————
including applicat organizations, and	the efor myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, clions for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental into perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives ary to secure thereto the rights herein sold, assigned and set over.
And I hereby repr	esent and warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment	edge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of not more than five (5) years or both.
LEGAL NAME (Inventor: Jo	OF INVENTOR Date: $S-2Z-20/3$
Signature:	Che F Start
	70010
Note: An Applica Use an additional d	tion Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. leclaration form for each additional inventor.

Please direct all correspondence to:

46442

Attorney Docket Number	83382232
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67186-034 PUS1

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 Inventi	on SENSOR FUSION VEHICLE VELOCITY ESTIMATION SYSTEM AND METHOD
This declaration i	
×	The attached application, or United States application or PCT international application numberfiled on
The above-identi	Ted 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 application, ms.
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 for art applications, material information which became available between the filing date of the prior are national or PCT international filing date of the continuation-in-part application.
FORD GLOBAL of the State of E hereinafter referr interest, domestic of the ASSIGNE for the invention name or names, c insert the serial ASSIGNEE, its applications, in a including all ap reexaminations a And I hereby ag	rmployment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws relaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, and to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and and foreign, in and to the inventions and discoveries in the above-identified invention including the right E, its successors, assigns or other legal representatives to make applications and to receive Letters Patent and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to application number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————
including applications, and may deem necess	tions for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental d to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives ary to secure thereto the rights herein sold, assigned and set over.
	resent and warrant that I have not granted any rights inconsistent with the rights granted herein.
I hereby acknow or imprisonment	edge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of not more than five (5) years or both.
LEGAL NAME	OF INVENTOR S/77 /2013
	and warm breach
Signature:	Nother A Boess
Note: An Applica Use an additional of	tion Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, leclaration form for each additional inventor.

Attorney Docket Number	83382232
67186-03	4 PUS1

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 Invent	METHOD	VELOCITY ESTIM	WATION STSTEM AND
This declaration	directed to:		
X	The attached application, or United States application or PCT international a filed on	pplication number	
The above-identi	d application was made or authorized to be ma	de by me.	
I hereby state the including the clai	I have reviewed and understand the contents.	of the specification in	the above-identified application,
I believe that I an	he original inventor or an original joint invento	r of a claimed invention	in the application.
continuation-in-p	uty to disclose information which is material of applications, material information which lead to provide the national or PCT international filing date of the	ecame available betwe	en the filing date of the prior
FORD GLOBAL of the State of D hereinafter referrinterest, domestic of the ASSIGNE for the inventions name or names, c insert the serial/ ASSIGNEE, its applications, in a including all app	ployment agreement heretofore made or by of ECHNOLOGIES, LLC, a Ford Motor Comparaware, having its principal place of business to as the ASSIGNEE, its successors, assigned foreign, in and to the inventions and discovits successors, assigns or other legal represent discoveries in any and all countries, entities in my name, at its or their election (and I here plication number and filing date of the analysis of the inventions and discoveries in any and cations claiming benefit of the filing date reissue applications.	at Dearborn, County of at Dearborn, County of a or other legal represent the region of the above-identificatives to make applications and intergovernmental by authorize the ASSIG oplication to receive Louisman, and I herebutives, all rights of prical countries, entities and	and existing by virtue of the laws Wayne, and State of Michigan, tatives, the entire right, title and field invention including the right ions and to receive Letters Patent organizations, in its or their own NEE or ASSIGNEE's attorney to etters Patent herein: Serial No. y sell, assign and set over to the ority, including any provisional intergovernmental organizations
including applica organizations, and	for myself, my heirs, successors, assigns or ons for Letters Patent of any and all kinds an o perform any and all acts which the ASSIG y to secure thereto the rights herein sold, assig	d in any and all countric NEE, its successors, assi	es, entities and intergovernmental
And I hereby repr	ent and warrant that I have not granted any rig	hts inconsistent with the	rights granted herein.
I hereby acknowl or imprisonment	ge that any willful false statement made in the not more than five (5) years or both.	is declaration is punisha	ble under 18 U.S.C. 1001 by fine
LEGAL NAME (Aug 22, 2013
Inventor: A	nony David Tsakiris	Date:	1100 00, -01
Signature:	Anthony David /Sakons	1	
	Date Share (PROMPINE		on antity must accompany this form
Use an additional d	n Data Sheet (PTO/SB/14 or equivalent), including laration form for each additional inventor.	g naming the entire inventi	we citally, must accompany and form.

Attorney Docket Number 83382232	

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)

67186-034 PUS1

Title of Invention SENSOR FUSION VEHICLE VELOCITY ESTIMATION SYSTEM AND
Title of Invention SENSOR FUSION VEHICLE VELOCITY ESTIMATION STOTEM AND METHOD
This declaration is directed to:
The attached application, or
United 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 have reviewed and understand the contents of the specification in the above-identified application, including the claims.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
I am aware of the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national 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. ———————————————————————————————————
And I hereby agree for myself, my heirs, 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 herein 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 INVENTOR
Inventor: Tony A. Lockwood Date: 0/22 2837
Signature:
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including framing the crime inventor entry. Including framing the crime inventor entry. Including framing the crime inventor entry.

Attorney Docket Number	83382232
	67186-034 PUS1

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	METHOD	
This declaration is directed to:		
☐ Th ☐ Un	e attached application, or ited 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 the	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 of interest, domestic an- of the ASSIGNEE, i for the inventions an name or names, or in insert the serial/app	loyment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto ICHNOLOGIES, 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 ts 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 many name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to elication number and filing date of the application to receive Letters Patent herein: Serial No.	
And I hereby agree for myself, my heirs, 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 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.	
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LEGAL NAME OF	INVENTOR	
	h Adamey Date: 08/22/2013	
Signature:	Man -	
	Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. aration form for each additional inventor.	

PATENT REEL: 031079 FRAME: 0525

RECORDED: 08/26/2013