504575295 10/02/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4622006

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAYMOND C. SICIAK	10/02/2017
KATHRYN HAMILTON	10/02/2017
MAHRDAD DAMSAZ	10/02/2017
VIVEKANANDA KRISHNAMURTHY	09/29/2017

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15722307

CORRESPONDENCE DATA

Fax Number: (734)542-9569

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.

Phone: 734 542 0900
Email: east@mstfirm.com

Correspondent Name: MACMILLAN, SOBANSKI & TODD, LLC - FORD

Address Line 1: ONE MARITIME PLAZA - FIFTH FLOOR

Address Line 2: 720 WATER STREET TOLEDO, OHIO 43604

ATTORNEY DOCKET NUMBER:	83846356(18863)
NAME OF SUBMITTER:	RENEE D. EAST
SIGNATURE:	/Renee D. East/
DATE SIGNED:	10/02/2017
	l

Total Attachments: 4

PATENT REEL: 043754 FRAME: 0124

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Title of Invent	tion	ADAPTIVE MITIGATION OF ULTRASONIC EMISSION IN VEHICULAR OBJECT DETECTION SYSTEMS
This declaration	is direct	
Ø	United	tached application, or I States application or PCT international application numberfiled on
The above-identi	ified app	plication was made or authorized to be made by me.
I hereby state the including the cla		we reviewed and understand the contents of the specification in the above-identified application,
I believe that I as	m the or	iginal inventor or an original joint inventor of a claimed invention in the application.
continuation-in-p	part app	o disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for oblications, material information which became available between the filing date of the prior mal or PCT international filing date of the continuation-in-part application.
FORD GLOBAI of the State of I hereinafter refer interest, domesti of the ASSIGNE for the invention name or names, insert the serial 15/722307 ASSIGNEE, its applications, in a	L TECH Delawar red to a c and fo EE, its s is and di or in my l/applica succes and to th opplicatio	ment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws e, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, is the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and breign, in and to the inventions and discoveries in the above-identified invention including the right successors, assigns or other legal representatives to make applications and to receive Letters Patent iscoveries in any and all countries, entities and intergovernmental organizations, in its or their own y name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to ation number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————
including applications, ar	ations for	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	oresent a	and warrant that I have not granted any rights inconsistent with the rights granted herein.
	of not r	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.
Inventor:		nond C. Siciak Date: Catalu 3 2017
Signature:	R	y Sicial
		a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, on form for each additional inventor.

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i itie of invention	ADAPTIVE MITIGATION OF ULTRASONIC EMISSION IN VEHICULAR OBJECT DETECTION SYSTEMS
This declaration is direct	
☐ United	tached application, or I 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 has 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 offications, material information which became available between the filing date of the prior nal or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TECH of the State of Delawar hereinafter referred to a interest, domestic and for of the ASSIGNEE, its story the inventions and diname or names, or in my insert the serial/applica 15/722307 ASSIGNEE, its success applications, in and to the	nent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws e, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, is the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and preign, in and to the inventions and discoveries in the above-identified invention including the right successors, assigns or other legal representatives to make applications and to receive Letters Patent iscoveries in any and all countries, entities and intergovernmental organizations, in its or their own y name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to tion 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	nd warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment of not i	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 A SOLID A
Inventor: Kathr	was Hamiltons Date: Oct 2 Na 2017
Signature:	HHITT -
Note: An Application Dat	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, on form for each additional inventor

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title of invent	 ADAPTIVE MITIGATION OF ULTRASONIC EMISSION IN VEHICULAR OBJECT DETECTION SYSTEMS
This declaration	
2	The attached application, or United States application or PCT international application number
The above-identi	ed application was made or authorized to be made by me.
I hereby state the including the claim	I have reviewed and understand the contents of the specification in the above-identified application, s.
I believe that I an	the original inventor or an original joint inventor of a claimed invention in the application.
continuation-in-p	tuty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for tapplications, material information which became available between the filing date of the prior national or PCT international filing date of the continuation-in-part application.
FORD GLOBAL of the State of E hereinafter referrinterest, 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/ASSIGNEE, its applications and application of the serial of t	rechnologies, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws laware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, I 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 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 in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to optication number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————
including applica organizations, an	e for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, ons for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives y to secure thereto the rights herein sold, assigned and set over.
And I hereby repr	sent and warrant that I have not granted any rights inconsistent with the rights granted herein.
	age 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 (
Inventor:	Mahrdad Damsaz Date: 10/2/2017
Signature:	anQ/2
	on Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form,

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Title of Invention	ADAPTIVE MITIGATION OF ULTRASONIC EMISSION IN VEHICULAR OBJECT DETECTION SYSTEMS
This declaration is directed to:	
	ttached application, or d 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.	
FORD GLOBAL TECH of the State of Delawar hereinafter referred to a interest, domestic and for the ASSIGNEE, its store the inventions and domaine or names, or in minsert the serial/applications. Its successapplications, in and to the state of the state of the serial successapplications, in and to the state of the sta	ment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto INOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws re, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and preign, in and to the inventions and discoveries in the above-identified invention including the right successors, assigns or other legal representatives to make applications and to receive Letters Patent discoveries in any and all countries, entities and intergovernmental organizations, in its or their own y name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to ation 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: Vivekananda Krishnamurthy Date: 9/29/2017 Signature:	
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional declaration form for each additional inventor.	

RECORDED: 10/02/2017