504683210 12/12/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAU TYAN	09/30/2013
YU-KAN HU	09/30/2013
LEONARD ANTHONY SHANER	10/22/2013

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15838148

CORRESPONDENCE DATA

Fax Number: (202)315-0396

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: 202-292-4690

Email: DOCKETING@JONESROBB.COM

Correspondent Name: ELIZABETH M. BURKE Address Line 1: 1420 SPRING HILL RD

Address Line 2: SUITE 325

Address Line 4: MCLEAN, VIRGINIA 22102

ATTORNEY DOCKET NUMBER:	83937230
NAME OF SUBMITTER:	ELIZABETH M. BURKE
SIGNATURE:	/Elizabeth M. Burke/
DATE SIGNED:	12/12/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

PATENT REEL: 044368 FRAME: 0267

EPAS ID: PAT4729932

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Attorney Docket Number	83384659	

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 I weive Cornered Strengthening Member	
This declaration is directed to:		
	The attached application, or United States application or PCT international application number 14/010,115 filed on August 26, 2013	
The above-identif	ried 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 national or PCT international filing date of the continuation-in-part application.	
FORD GLOBAL of the State of D hereinafter referrinterest, domestic of the ASSIGNE for the inventions name or names, coinsert the serial/ap Filing Date Augurepresentatives, a and all countries,	reployment 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 is successors, assigns or other legal representatives to make applications and to receive Letters Patents and discoveries in any and all countries, entities and intergovernmental organizations, in its or their owner in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to oplication number and filing date of the application to receive Letters Patent herein: Serial No. 14/010,115, st 26, 2013), and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other legal Irights of priority, including any provisional applications, in and to the inventions and discoveries in any entities and intergovernmental organizations including all applications claiming benefit of the filing date ons, continuations-in-part, divisionals, reexaminations and reissue applications.	
including applica organizations, and	ee for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, 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.	
And I hereby repa	esent and warrant that I have not granted any rights inconsistent with the rights granted herein.	
	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 (No facility of the second of t	
	u TYAN Date: Official 30, 2013 Pau Yan	
	ion Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.	

		the state of the s	 4.00
***************************************	**********	The second contract of	
	Docket Number	L 83384659	
ATTOTAGE	LINGSON NUMBER	F X 3 1 X 4 D 3 M	
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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	TWELVE CORNERED STRENGTHENING MEMBER
	This declaration is direct	ed to:
	☑ United	States application or PCT international application number 10,115 filed on August 26, 2013
***************************************	The above-identified app	lication was made or authorized to be made by me.
***************	I hereby state that I have including the claims.	e reviewed and understand the contents of the specification in the above-identified application,
************	I believe that I am the ori	ginal 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 discisons, material information which became available between the filing date of the prior hal or PCT international filing date of the continuation-in-part application.
	FORD GLOBAL TECHI of the State of Delaware thereinafter referred to as interest, domestic and for of the ASSIGNEE, its state of the inventions and diname or names, or in my insert the serial/application of the August 26, 2 representatives, all rights and all countries, entities	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 as 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 reign, in and to the inventions and discoveries in the above-identified invention including the right accessors, assigns or other legal representatives to make applications and to receive Letters Patent scoveries in any and all countries, entities and intergovernmental organizations, in its or their own name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to on number and filing date of the application to receive Letters Patent herein: Serial No. 14/010,115,013), and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other legal of priority, including any provisional applications, in and to the inventions and discoveries in any and intergovernmental organizations including all applications claiming benefit of the filing date attinuations-in-part, divisionals, reexaminations and reissue applications.
1000	including applications for organizations, and to per	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 form any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives ecure 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.
		at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine tore than five (5) years or both.
	LEGAL NAME OF INV	A A A C O C C T
	Inventor: Yu-Kan	
	Signature:	Cfuzilia
		Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.
	Use an additional declaration	n form for each additional inventor.

Please direct all correspondence to: Cust. No. 73442

RECORDED: 12/12/2017

Attorney Docket Number	83384659

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 Inventio	n TWELVE CORNERED STRENGTHENING MEMBER
This declaration is	directed to:
	The attached application, or United States application or PCT international application number 14/010.115 filed on August 26, 2013
The above-identific	ed application was made or authorized to be made by me.
I hereby state that including the clain	I have reviewed and understand the contents of the specification in the above-identified application, as.
I believe that I am	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 rt 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.
FORD GLOBAL of the State of De hereinafter referre interest, domestic of the ASSIGNEE for the inventions name or names, or insert the serial/ap Filing Date Augus representatives, all and all countries,	inployment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto IECHNOLOGIES, 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, 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 plication number and filing date of the application to receive Letters Patent herein; Serial No. 14/010.115, t 26, 2013), and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other legal rights of priority, including any provisional applications, in and to the inventions and discoveries in any entities and intergovernmental organizations including all applications claiming benefit of the filing date ones, continuations-in-part, divisionals, reexaminations and reissue applications.
including applications, and	the for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, ions 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 my to secure thereto the rights herein sold, assigned and set over.
And I hereby repre	esent and warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment of	edge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of more than five (5) years or both.
LEGAL NAME O	OF INVENTOR OPEN AND DATE: 1990 22 202
Signature:	Honal Il Care
	ion Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form
	100 Data Sheet (PTO/SB/14 of equivalent), menumg naming the entire inventive entiry, must accompany unstruction