#### 507007834 12/03/2021

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT7054671

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
DEBORAH FRANCES MIELEWSKI	08/26/2021
RODRIGO DENIZARTE DE OLIVEIRA POLKOWSKI	08/27/2021
CRISTIANE CARLA GONCALVES	08/27/2021
ALPER KIZILTAS	08/26/2021
CRISTIANO GRINGS HERBERT	08/27/2021

### RECEIVING PARTY DATA

Name:	FORD GLOBAL TECHNOLOGIES, LLC
Street Address:	1 AMERICAN RD FL4
City:	DEARBORN
State/Country:	MICHIGAN
Postal Code:	48126-2701

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17463478

## **CORRESPONDENCE DATA**

Fax Number:

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: docketing@burrisiplaw.com

**BURRIS LAW PLLC Correspondent Name:** 

Address Line 1: 300 RIVER PLACE DRIVE

Address Line 2: **SUITE 1775** 

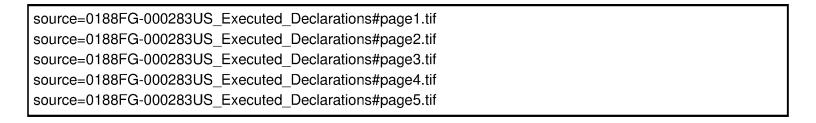
DETROIT, MICHIGAN 48207 Address Line 4:

ATTORNEY DOCKET NUMBER:	84396394	
NAME OF SUBMITTER:	SUBMITTER: ROBERT VOAKES	
SIGNATURE:	/Robert Voakes/	
<b>DATE SIGNED:</b> 12/03/2021		
	This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 5** 

**PATENT** REEL: 058279 FRAME: 0071

507007834



PATENT REEL: 058279 FRAME: 0072

Attorney Docket Number	r 84396394	
ASSIGNMENT A	ND DECLARATION (37 C.F.R. 1	.63) FOR UTILITY, PROVISIONAL OR ATION DATA SHEET (37 C.F.R. 1.76)
Title of Invention		INCORPORATION INTO A RUBBER LIQUID PLASTICIZER ROUTE - LPR
This declaration is direct	ed to:	
17/463478 United	tached application, or I States application or PCT international application of PCT international application 08/31/2021 (I hereby an hen they become known.)	oplication number athorize the insertion of the application filing date and
The above-identified app	olication was made or authorized to be made	le by me.
I hereby state that I have including the claims.	e reviewed and understand the contents o	f the specification in the above-identified application,
I believe that I am the or	iginal inventor or an original joint invento	r of a claimed invention in the application.
for continuation-in-part		o patentability as defined in 37 C.F.R. 1.56, including became available between the filing date of the prior continuation-in-part application.
FORD GLOBAL TECH laws of the State of Do Michigan, hereinafter retitle and interest, dome including the right of the receive Letters Patent organizations, in its or ASSIGNEE or ASSIGN Letters Patent herein: Shereby sell, assign and priority, including any pand intergovernmental or	NOLOGIES, LLC, a Ford Motor Compa claware, having its principal place of but ferred to as the ASSIGNEE, its successors stic and foreign, in and to the invention e ASSIGNEE, its successors, assigns or of for the inventions and discoveries in an atheir own name or names, or in my name EE's attorney to insert the serial/application set over to the ASSIGNEE, its successor rovisional applications, in and to the inventions.	s, assigns or other legal representatives, all rights of attions and discoveries in any and all countries, entities siming benefit of the filing date hereof, continuations,
including applications for organizations, and to	or Letters Patent of any and all kinds and i	ner legal representatives to execute any and all papers, in any and all countries, entities and intergovernmental ASSIGNEE, its successors, assigns or other legal rein 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: Deborah Frances Mielewski

Signature: Signature: Date: S126121

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.

Attorney Docket Number 84396394
ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY, PROVISIONAL OR
DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)
Title of Invention METHOD FOR GRAPHENE INCORPORATION INTO A RUBBER COMPOUNDING BY USING LIQUID PLASTICIZER ROUTE - LPR METHOD
This declaration is directed to:
The attached application, or  17/463478 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 prio 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 intergovernmenta 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 Rodrigo Denizarte de Oliveira Polkowski Inventor: Date:

27-Aug-2021

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.

Attorney Docket Number	r 84396394	
		1.63) FOR UTILITY, PROVISIONAL OR ATION DATA SHEET (37 C.F.R. 1.76)
Title of Invention	METHOD FOR GRAPHENE	INCORPORATION INTO A RUBBER LIQUID PLASTICIZER ROUTE - LPR
This declaration is direct	i	
	tached application, or I States application or PCT international a filed on08/31/2021 (I hereby a nen they become known.)	application number application filing date and
The above-identified app	lication was made or authorized to be ma	de 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 ori	iginal inventor or an original joint invento	or of a claimed invention in the application.
for continuation-in-part a		to patentability as defined in 37 C.F.R. 1.56, including became available between the filing date of the prior 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 fo organizations, and to p	r Letters Patent of any and all kinds and	ther legal representatives to execute any and all papers, in any and all countries, entities and intergovernmental ASSIGNEE, its successors, assigns or other legal erein 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: Cristiane Carla Gonçalves Date: 8/27/2021

Signature: Cristians Jonçalves

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.

Attorney Docket Number 84396394		
ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY, PROVISIONAL OF DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)		
Title of Invention METHOD FOR GRAPHENE INCORPORATION INTO A RUBBEI COMPOUNDING BY USING LIQUID PLASTICIZER ROUTE - LPI METHOD		
This declaration is directed to:		
The attached application, or  17/463478 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 applicatio 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 pricapplication 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 un 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 receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernment 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 paper including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernment organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other leg 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 t fine or imprisonment of not more than five (5) years or both.		

LEGAL NAME OF INVENTOR
Inventor: Alper Kiziltas Date: 08/26/2021

Signature: A.Moud-

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.

Attorney Docket Numbe	r 84396394	
ASSIGNMENT A	ND DECLARATION (37 C.F.R.	1.63) FOR UTILITY, PROVISIONAL OR ATION DATA SHEET (37 C.F.R. 1.76)
Title of Invention	METHOD FOR GRAPHENE	INCORPORATION INTO A RUBBER LIQUID PLASTICIZER ROUTE - LPR
This declaration is direct	ed to:	
17/463478 United	tached application, or I States application or PCT international a filed on	application number application filing date and
The above-identified app	olication was made or authorized to be ma	nde 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 or	iginal inventor or an original joint invent	or of a claimed invention in the application.
for continuation-in-part		to patentability as defined in 37 C.F.R. 1.56, including became available between the filing date of the prior continuation-in-part application.
FORD GLOBAL TECH laws of the State of De Michigan, hereinafter ref title and interest, domes including the right of the receive Letters Patent forganizations, in its or t ASSIGNEE or ASSIGNE Letters Patent herein: Shereby sell, assign and priority, including any prand intergovernmental or	NOLOGIES, LLC, a Ford Motor Compelaware, having its principal place of befored to as the ASSIGNEE, its successor stic and foreign, in and to the inventice ASSIGNEE, its successors, assigns or for the inventions and discoveries in a cheir own name or names, or in my name and the serial No.  Set over to the ASSIGNEE, its successor rovisional applications, in and to the inventions.	ors, assigns or other legal representatives, all rights of entions and discoveries in any and all countries, entities aiming benefit of the filing date hereof, continuations,
including applications fo organizations, and to p	r Letters Patent of any and all kinds and	ther legal representatives to execute any and all papers, in any and all countries, entities and intergovernmental ASSIGNEE, its successors, assigns or other legal erein sold, assigned and set over.
And I hereby represent a	nd warrant that I have not granted any rig	this inconsistent with the rights granted herein.
	not more than five (5) years or both.	his declaration is punishable under 18 U.S.C. 1001 by
	Grings Herbert	Date:

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.

Signature:

**RECORDED: 12/03/2021** 

PATENT REEL: 058279 FRAME: 0077

8/27/2021