### 503404587 07/23/2015

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3451221

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MAIK BRODA	07/17/2015
TOMASZ PAWEL GRABIEC	07/20/2015
CLEMENS MARIA VERPOORT	07/07/2015

#### **RECEIVING PARTY DATA**

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

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14806306

#### **CORRESPONDENCE DATA**

**Fax Number:** (248)358-3351

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:** 248-358-4400

**Email:** dgreig@brookskushman.com **Correspondent Name:** BROOKS KUSHMAN P.C.

Address Line 1: 1000 TOWN CENTER, TWENTY-SECOND FLOOR

Address Line 4: SOUTHFIELD, MICHIGAN 48075

ATTORNEY DOCKET NUMBER:	83548867
NAME OF SUBMITTER:	DENISE GREIG
SIGNATURE:	/Denise Greig/
DATE SIGNED:	07/23/2015

#### **Total Attachments: 3**

source=FMC6234PUSA\_ASGN#page1.tif source=FMC6234PUSA\_ASGN#page2.tif source=FMC6234PUSA\_ASGN#page3.tif

PATENT 503404587 REEL: 036161 FRAME: 0183

Please direct all correspondence to: 28395

Attorney Docket Number   83548867	
1 Million Ducket Fautinet   63346807	

## 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 Inventi	ion	METHOD FOR PRODUCING A BRAKE DISK AND A BRAKE DISK
This declaration i	is direct	ed to:
×	United	tached application, or  I States application or PCT international application numberfiled on
The above-identi	fied app	lication was made or authorized to be made by me.
I hereby state the including the clai		ve reviewed and understand the contents of the specification in the above-identified application,
I believe that I an	n the ori	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 discations, material information which became available between the filing date of the prior and or PCT international filing date of the continuation-in-part application.
FORD GLOBAL of the State of Electronafter referrinterest, domestic of the ASSIGNE for the invention name or names, consert the serial 14/806,306  ASSIGNEE, its applications, in a including all appreciations are	TECH: Delaware red to as c and fo E; its su s and di or in my /applica success and to th plication nd reiss	
including applica organizations, an	ations fo nd 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 rform 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 rep	resent a	nd warrant that I have not granted any rights inconsistent with the rights granted herein.
I hereby acknow	ledge th	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		
Inventor: _M	<u> Inik Br</u>	oda Date: ATA
Signature:		<u>Carak</u>
Note: An Applica	tion Date	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.
		on form for each additional inventor.

PATENT REEL: 036161 FRAME: 0184

Attorney Docket Number 83548867			
	Attorney Docket Number	83548867	

# 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 PRODUCING A BRAKE DISK AND A BRAKE DISK
This declaration is direct	ed to:
United	tached application, or States application or PCT international application numberfiled on
The above-identified app	lication 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 dications, 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 the ASSIGNEE, its sfor the inventions and diname or names, or in my insert the serial/applications. Its successapplications, in and to the	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 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 yname, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to attoin 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.
I hereby acknowledge the or imprisonment of not to	that 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	VENTOR 20 JUL 2015
Inventor: Tomasz	Pawel Grabiec Date:
Signature:	er Cl
Note: An Application Da	ta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.
Use an additional declarati	on form for each additional inventor.

PATENT REEL: 036161 FRAME: 0185 Please direct all correspondence to: 28395

Attorney Docket Number	83548867

# 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 PRODUCING A BRAKE DISK AND A BRAKE DISK
This declaration is dir	rected to:
Uni	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	original inventor or an original joint inventor of a claimed invention in the application.
continuation-in-part	y 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 attional or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TEC of the State of Delaw hereinafter referred to interest, domestic and of the ASSIGNEE, its for the inventions and name or names, or in insert the serial/appl 14/806,306 ASSIGNEE, its succe applications, in and to	oyment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto 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, o as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and foreign, in and to the inventions and discoveries in the above-identified invention including the right se successors, assigns or other legal representatives to make applications and to receive Letters Patent I discoveries in any and all countries, entities and intergovernmental organizations, in its or their own my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to ication number and filing date of the application to receive Letters Patent herein: Serial No.  —, Filing Date July 22, 2015
including applications organizations, and to	or myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, 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 o secure thereto the rights herein sold, assigned and set over.
And I hereby represen	it and warrant that I have not granted any rights inconsistent with the rights granted herein.
	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 OF IN	
Signature:	ns Maria Verpoort Date: July 1, dels
Note: An Application I Use an additional declara	Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

PATENT REEL: 036161 FRAME: 0186

**RECORDED: 07/23/2015**