#### 12/04/2015 503596467 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ				
		Name	Execution Date		
DJAMAL EDDINE MIDO	UN		12/01/2015		
SHEKAR PRABHAKAR	ERASAI	_A	12/01/2015		
LAIKE MISIKIR			12/01/2015		
MATTHEW B. MAKOWS	SKI		12/01/2015		
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City:	DEAR	DEARBORN			
State/Country:	MICHIGAN				
Postal Code:	48126				
PROPERTY NUMBERS	Total: 1				
Property Type		Number			
Application Number:		14959028			
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	BROOKS KUSHMAN P.C./FGTL				
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Total Attachments: 4	
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### 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 WHEEL ROTATION BLOCKING APPARATUS

This declaration is directed to:

X

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 seil, 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 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. 14/959,028, Filing Date December 4, 2015), and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations.

reexaminations and reissue applications. 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

including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals,

And I hereby represent and warrant that Thave not granted any rights inconsistent with the rights granted herein.

may deem necessary to secure thereto the rights herein sold, assigned and set over.

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.

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Invenior	Djamsl Eddine Midoun	Date:	10 C C - 1	CQC
Sienatore	All Iro have			
Note: An A	pplication Data Sheet (PTO/SB/14 or equivalent), including naming the	entire inven	tive entity, must a	iccompany this form.
Use an additi	ional declaration form for each additional inventor.			

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#### Title of Invention WHEEL R

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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 doen necessary to secure thereto the rights herein sold, assigned and set over.

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LEGAL NAME OF INVENTOR	Const and Construction
Inventor: Shekar Prabhakar Erasala	Date:////////
Signature	
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including nan	ning the entire inventive entiry, must accompany this form-
Use an additional declaration form for each additional inventor.	

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LEGAL NA	IME OF INVENTOR		ł
Inventors	Laike Misikir	Date:	12-01/2015
Signature:	Lake Misikiñ		
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Note: An A	pplication Data Sheet (PTO/SB/14 or equivalent), including naming the	entire inven	tive entity, must accompany this form.
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Title of Invention	OR WHEEL ROTATION BLOCKING APPARATUS
This declaration li	s directed to:
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	The attached application, or United States application or PCT international application number filed on
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FORD GLOBAL of the State of D hereinafter referra- interest, domestic of the ASSIGNEI for the inventions name or names, of insert the serial/ 14/959,020 ASSIGNEE, its applications, in an including all app	mployment 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 elaware, having its principal place of business at Dearborn. County of Wayne, and State of Michigan, ed 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 1 hereby authorize the ASSIGNEE or ASSIGNEE's attorney to application number and filing date of the application to receive Letters Patent herein: Serial No. Business or other legal representatives, all rights of priority, including any provisional not the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in discover to the successors, assigns or other legal representatives, all rights of priority, including any provisional not the inventions and discoveries in any and all countries, entities and intergovernmental organizations in the discover to the successors, assigns or other legal representatives, all rights of priority, including any provisional not the inventions and discoveries in any and all countries, entities and intergovernmental organizations including the right to the inventions and discoveries in any and all countries, entities and intergovernmental organizations including the provisional not the inventions and discoveries in any and all countries, entities and intergovernmental organizations including the representatives are provided to the inventions and discoveries in any and all countries, entities and intergovernmental organizations blications claiming benefit of the filing date her
including applica organizations, an	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 repr	resent and warrant that I have not granted any rights inconsistent with the rights granted herein.
	edge that any wiliful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of noi more than five (5) years or both. DF INVENTOR

Investor: Matthew B. Makowski $\bigcirc$ Date: $\frac{2}{15}$
Signature: Amundum Blandam to
Note: An Application Data Shee: (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: 12/04/2015