#### 505991883 03/30/2020

### **PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6038592

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MOHAMMAD NEKOUI	03/19/2020
NAVID TAFAGHODI KHAJAVI	03/17/2020
HAMED ASADI	03/17/2020
MOHSEN BAHRAMI	03/17/2020
AMIN ARIANNEZHAD	03/18/2020
PRAVEEN KUMAR YALAVARTY	03/27/2020

#### **RECEIVING PARTY DATA**

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

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

Property Type	Number
Application Number:	16834951

#### **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: amungons@brookskushman.com
Correspondent Name: BROOKS KUSHMAN P.C./FGTL

Address Line 1: 1000 TOWN CENTER

Address Line 2: 22ND FLOOR

Address Line 4: SOUTHFIELD, MICHIGAN 48075-1238

ATTORNEY DOCKET NUMBER:	84239823
NAME OF SUBMITTER:	ISAAC T. SLUTSKY
SIGNATURE:	/Isaac T. Slutsky/
DATE SIGNED:	03/30/2020

#### **Total Attachments: 6**

source=84239823-Assignment-fmc9719pus#page1.tif source=84239823-Assignment-fmc9719pus#page2.tif source=84239823-Assignment-fmc9719pus#page3.tif source=84239823-Assignment-fmc9719pus#page4.tif source=84239823-Assignment-fmc9719pus#page5.tif source=84239823-Assignment-fmc9719pus#page6.tif

Attorney Docket Number	84239823

Title of Invention	AND INCLUDING CHANNEL ASSIGNMENT		
This declaration is direct	ed to:		
	sached application, or States application or PCT international applified on (I hereby authors they become known.)		of the application filing date and
The above-identified app	lication was made or authorized to be made b	y me.	
I hereby state that I havincluding the claims.	re 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	n 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 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. 16/834,951, Filing Date			
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.			
	at any willful false statement made in this denore than five (5) years or both.	claration is punisha	able under 18 U.S.C. 1001 by fine
LEGAL NAME OF INV. Inventor: Mohamm	ENTOR ad Nekoui	Date:	3/19/2020
Signature:	Ann ad Nation		
Note: An Application Data	Sheet (PTO/SB/14 or equivalent), including nan	ing the entire inventi	ive entity, must accompany this form.
Use an additional declaration form for each additional inventor			

Attorney Docket Number	84239823

Title of Invention	AND INCLUDING CHANNEL ASSIGNMENT	IMENT BASED ON DATA PRIORITY
This declaration is directed to:		
		lication number thorize the insertion of the application filing date and
The above-identified app	lication was made or authorized to be made b	by me.
I hereby state that I have including the claims.	e reviewed and understand the contents of	f the specification in the above-identified application,
I believe that I am the ori	ginal inventor or an original joint inventor of	of a claimed invention in the application.
continuation-in-part app		patentability as defined in 37 C.F.R. 1.56, including for same available between the filing date of the prior ontinuation-in-part application.
FORD GLOBAL TECHI of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its su for the inventions and di name or names, or in my insert the serial/applicat 16/834,951  ASSIGNEE, its success applications, in and to th including all application reexaminations and reisss  And I hereby agree for a including applications for organizations, and to per may deem necessary to s	NOLOGIES, LLC, a Ford Motor Company so, having its principal place of business at I is the ASSIGNEE, its successors, assigns or reign, in and to the inventions and discoveries accessors, assigns or other legal representative scoveries in any and all countries, entities any name, at its or their election (and I hereby a tion number and filing date of the application, Filing Date March 30, 2020 gors, assigns or other legal representatives the inventions and discoveries in any and all countries are inventions.  Myself, my heirs, successors, assigns or other legal representatives the applications.  Myself, my heirs, successors, assigns or other legal representatives the applications.  Myself, my heirs, successors, assigns or other legal representatives the applications.	
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.		
or imprisonment of not n	nore than five (5) years or both.	declaration is punishable under 18 U.S.C. 1001 by fine
LEGAL NAME OF INV		Data: 02/17/2020
Inventor: Navid Ta	faghodi Khajavi	Date:03/17/2020
Signature:	e Littlefelition of S	
	a Sheet (PTO/SB/14 or equivalent), including nan	ming the entire inventive entity, must accompany this form.

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Attorney Docket Number	\$4279823
The state of the s	a vary / vary

Title of Invention	INTERFERENCE-AWARE NON-HOMOGENEOUS CBSD CHANNEL ASSIGNMENT AND INCLUDING CHANNEL ASSIGNMENT BASED ON DATA PRIORITY	
This declaration is directed to:		
X The attached application, or United States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and number into this form when they become known.)		
The above-identified app	slication was made or authorized to be made by me.	
I hereby state that I har 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 discations, 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 ic of the ASSIGNEE, its s for the inventions and d name or names, or in m insert the serial/applica 16/834,951 ASSIGNEE, its succes applications, in and to t	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, as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and oreign, in and to the inventions and discoveries in the above-identified invention including the right nuccessors, assigns or other legal representatives to make applications and to receive Letters Patent isocoveries in any and all countries, entities and intergovernmental organizations, in its or their own by name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to attorn number and filing date of the application to receive Letters Patent herein: Serial No.  ———————————————————————————————————	
including applications to organizations, and to pe	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 arform 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 and warrant that I have not granted any rights inconsistent with the rights granted herein		
or imprisonment of not	hat 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 IN' Inventor: Hamed		
Signature: 423	-less-l	
Note: An Application Da	ta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.  Inn form for each additional inventor.	

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Attorney Docket Number	84239823

Title of Invention	AND INCLUDING CHANNEL ASSIGN	MOGENEOUS CBSD CHANNEL ASSIGNMENT NMENT BASED ON DATA PRIORITY
This declaration is directed to:		
X The attached application, or United States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and number into this form when they become known.)		
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 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.  16/834,951, Filing Date March 30, 2020), 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 including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, 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 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 INV. Inventor: Mohsen E		Date: 3/17/2020
	ren Bahrami	
	SL-4 (PTO/SD/14 ' 1 A) ' 1 ''	
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.		

Attorney Docket Number	84239823

Title of Invention	AND INCLUDING CHANNEL ASSIGNMENT BASED ON DATA PRIORITY	
This declaration is directed to:		
X The attached application, or United States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and number into this form when they become known.)		
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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 deem necessary to secure thereto the rights herein sold, assigned and set over.		
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LEGAL NAME OF INV		
Inventor: Amin Ari	<u>annezhad</u> Date: <u>3/18/2020</u>	
Signature:	<del>Z-1</del>	
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.	

**RECORDED: 03/30/2020** 

Attorney Docket Number	84239823

# 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	INTERFERENCE-AWARE NON-HOMOGENEOUS CBSD CHANNEL ASSIGNMENT AND INCLUDING CHANNEL ASSIGNMENT BASED ON DATA PRIORITY	
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LEGAL NAME OF INV Inventor: Praveen I	ENTOR Cumar Yalavarty Date: March 27th, 2020	
	n K Yalavarty	
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.		