PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2821031

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------------|----------------|
| YAN WANG | 04/17/2014 |
| GREGORY PATRICK MCCONVILLE | 04/16/2014 |

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: | 14256757 |

CORRESPONDENCE DATA

Fax Number: (503)459-4142

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 503-459-4141 Fulton@ahmrt.com

Correspondent Name: ALLEMAN HALL MCCOY RUSSELL & TUTTLE, LLP

Address Line 1: 806 S.W. BROADWAY, SUITE 600
Address Line 4: PORTLAND, OREGON 97205

| ATTORNEY DOCKET NUMBER: | 83431666 | |
|-------------------------|-------------------|--|
| NAME OF SUBMITTER: | MAXFIELD FULTON | |
| SIGNATURE: | /Maxfield Fulton/ | |
| DATE SIGNED: | 04/18/2014 | |

Total Attachments: 2

source=Executed Assignment 83431666#page1.tif source=Executed Assignment 83431666#page2.tif

PATENT 502774436 REEL: 032711 FRAME: 0150

| Attorney Docket Number | 83431666 |
|------------------------|----------|
| | |

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 | ELECTRIC ACTUATEMPERATURE | ATOR | CURRENT | CONTROL | RESPONSIVE TO |
|--|---|--|---|--|---|--|
| This declaration is | s direc | ted to: | | | | |
| | | ttached application, or d States application or PCT in | | nal application nu | | ·······* |
| The above-identif | fied ap | olication was made or authori | zed to be | e made by me. | | |
| I hereby state the including the claim | | ve reviewed and understand | the con | tents of the speci | fication in the a | bove-identified application, |
| I believe that I am | the or | riginal inventor or an original | joint inv | entor of a claimed | d 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. | | | | | | |
| FORD GLOBAL of the State of D hereinafter referra interest, domestic of the ASSIGNEI for the inventions name or names, o insert the serial/14/256,757 ASSIGNEE, its applications, in as | TECH elawar ed to a and for E, its s and dor in m applica succes nd to the blication | ment agreement heretofore in INOLOGIES, LLC, a Ford Mire, having its principal place is the ASSIGNEE, its successoreign, in and to the invention uccessors, assigns or other less is coveries in any and all courty name, at its or their election ation number and filing dates, Filing Date April sors, assigns or other legate inventions and discoveries in sclaiming benefit of the sue applications. | of businesors, as and dispalareprotes, erand I te of the 18, I repressing any | mpany subsidiary, ness at Dearborn, signs or other leg iscoveries in the a esentatives to mantities and intergo hereby authorize the application to 2014, a entatives, all rigand all countries, | organized and e County of Way al representative bove-identified it ke applications a vernmental organ the ASSIGNEE receive Letters and I hereby sell thts of priority, entities and inter | xisting by virtue of the laws one, and State of Michigan, is, the entire right, title and invention including the right and to receive Letters Patent inizations, in its or their own or ASSIGNEE's attorney to Patent herein: Serial No., assign and set over to the including any provisional governmental organizations |
| including applications, and | tions followed to be | myself, my heirs, successors or Letters Patent of any and rform any and all acts which secure thereto the rights herei | all kind the AS | s and in any and SIGNEE, its succ | all countries, en essors, assigns o | tities and intergovernmental |
| And I hereby repr | resent a | and warrant that I have not gra | anted an | y rights inconsiste | nt with the rights | granted herein. |
| | | nat any willful false statemen nore than five (5) years or bo | | in this declaration | is punishable ur | nder 18 U.S.C. 1001 by fine |
| LEGAL NAME C | | The state of the s | | | ** | 11 -17 - 11/ |
| Inventor: <u>Y</u> s | an War | 4/ | | inning. | Date: | |
| Signature: | *********** | X-17- | | | | |
| Note: An Annliest | ion Dai | a Sheet (PTO/SB/14 or equival- | mill tries | ading paming the e | atine intention acti | to mart programan this form |
| Use an additional d | eclarati | on form for each additional inver | Hor. | man and a man and a second | | TENT |

REEL: 032711 FRAME: 0151

| | *************************************** |
|---|---|
| 2 (10) (10) (10) (10) (10) (10) (10) (10) | 83431666 |

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 | ELECTRIC ACTUATOR CURRENT CONTROL RESPONSIVE TO TEMPERATURE | | | |
|--|---|--|--|--|
| This declaration is | lirected to: | | | |
| O U | The attached application, or Inited States application or PCT international application number filed on | | | |
| The above-identifie | d application was made or authorized to be made by me. | | | |
| I hereby state that including the claim | I have reviewed and understand the contents of the specification in the above-identified application, s. | | | |
| 1 believe that I am t | he 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. | | | | |
| FORD GLOBAL T of the State of Del hereinafter referred interest, domestic a of the ASSIGNEE, for the inventions a name or names, or insert the serial/ap 14/256, 757 ASSIGNEE, its sa applications, in and including all appli reexaminations and | ployment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto ECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws aware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and nd 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 oblication number and filing date of the application to receive Letters Patent herein: Serial No. ——————————————————————————————————— | | | |
| including application organizations, and | for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, ons 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 y to secure thereto the rights herein sold, assigned and set over. | | | |
| And I hereby repres | ent 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: <u>Gre</u> Signature: <u>//</u> | gory Patrick McConville Date: / パックラップ | | | |
| | | | | |
| | n Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. | | | |

PATENT REEL: 032711 FRAME: 0152

RECORDED: 04/18/2014