## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4330144

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

#### **CONVEYING PARTY DATA**

| Name          | Execution Date |  |
|---------------|----------------|--|
| RITESH PANDYA | 03/17/2017     |  |

### **RECEIVING PARTY DATA**

| Name:             | FORD GLOBAL TECHNOLOGIES, LLC   |  |  |
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| City:             | DEARBORN                        |  |  |
| State/Country:    | MICHIGAN                        |  |  |
| Postal Code:      | 48126                           |  |  |

## **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15465014 |

#### **CORRESPONDENCE DATA**

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|-------------------------|--------------------|
| NAME OF SUBMITTER:      | BERNARD P. TOMSA   |
| SIGNATURE:              | /Bernard P. Tomsa/ |
| DATE SIGNED:            | 03/21/2017         |

**Total Attachments: 1** 

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PATENT 504283463 REEL: 041679 FRAME: 0342

Please direct all correspondence to: 28395

| Attorney Docket Number | 83759808 |
|------------------------|----------|

# 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 AND REPORTING   | APPARATUS   | FOR EF  | FICIENT   | VEHICLE  | DATA   |
|--|--|---|---|---|--|--|
| This declaration is direct   | ed to:   |   |   | ***************************************   |  |  |
| United   | tached application, or States application or PC filed on nen they become known.)                                     | (I hereby authors   |   | rtion of the ap   | oplication filing  | g date and   |
| The above-identified app   | lication was made or auth  | horized to be made by   | me.   |   |  |  |
| I hereby state that I have including the claims.   | e reviewed and understa  | and the contents of t   | he specificatio   | on in the abo   | ve-identified ap   | pplication,  |
| I believe that I am the ori  | ginal inventor or an origi   | inal joint inventor of a  | ı claimed inver   | ntion in the ap   | oplication.  |  |
|  | o disclose information wh<br>lications, material information PCT international f                                     | mation which becan  | ne available b  | between the   | filing date of   |  |
| FORD GLOBAL TECHL of the State of Delaward hereinafter referred to as interest, domestic and fo of the ASSIGNEE, its su for the inventions and di name or names, or in my insert the serial/applica 15/465,014  ASSIGNEE, its success applications, in and to th | e inventions and discove<br>ns claiming benefit of t   | d Motor Company suitace of business at Decessors, assigns or cutions and discoveries ar legal representative countries, entities and ction (and I hereby at date of the applicant 21, 2017 degal representatives, pries in any and all co | bsidiary, organ learborn, Coun other legal repr in the above-i es to make app I intergovernmenthorize the AS ation to receiv), and I h, all rights of buntries, entitie | nized and exis<br>nty of Wayne<br>oresentatives,<br>identified inve-<br>plications and<br>nental organizations<br>SSIGNEE or<br>ive Letters Properties Properties and<br>f priority, in<br>es and intergo | ating by virtue of a state of a the entire right the entire right to receive Lett ations, in its or ASSIGNEE's a atent herein: Sessign and set outling any pernmental org  | of the laws Michigan, i, title and g the right ters Patent their own attorney to Serial No. Iver to the provisional anizations |
| including applications for organizations, and to per   | myself, my heirs, success<br>or Letters Patent of any a<br>rform any and all acts whe<br>ecure thereto the rights he | and all kinds and in a hich the ASSIGNEE,   | any and all cou<br>its successors,  | untries, entitie  | es and intergov  | ernmental  |
| And I hereby represent a   | nd warrant that I have not   | t granted any rights in   | consistent with   | th the rights gr  | ranted herein.   |  |
| I hereby acknowledge th<br>or imprisonment of not n  | at any willful false stater<br>nore than five (5) years or   | ment made in this dec<br>r both.  | claration is pur  | nishable unde   | er 18 U.S.C. 10  | 01 by fine   |
| LEGAL NAME OF INV Inventor: Ritesh Page 1  |  |   | Date  | . 3/1   | 7/2017   |  |
| Signature:   | Heady  | *   | Date  | /1  | The state of the s | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,  |
| _  |  |   |   |   | *******************************  | .4 3 ~   |
|  | a Sheet (PTO/SB/14 or equent on form for each additional is  |   | ing the entire in   | iventive entity,  | must accompany   | / this form.   |

PATENT REEL: 041679 FRAME: 0343

**RECORDED: 03/22/2017**