PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5522634

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------------|----------------|
| CHRISTOPHER D. RUPPEL | 05/10/2019 |
| SUNIL LINGAMURTHY JAVALI | 05/10/2019 |

RECEIVING PARTY DATA

| Name: | APTIV TECHNOLOGIES LIMITED | |
|-------------------|----------------------------------|--|
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| City: | TROY | |
| State/Country: | BARBADOS | |
| Postal Code: | 14004 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16411999 |

CORRESPONDENCE DATA

Fax Number:

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.

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| ATTORNEY DOCKET NUMBER: | P100760 | |
|-------------------------|--|--|
| NAME OF SUBMITTER: | LAWRENCE D. HAZELTON | |
| SIGNATURE: | /Lawrence D. Hazelton/ | |
| DATE SIGNED: | 05/14/2019 | |
| | This document serves as an Oath/Declaration (37 CFR 1.63). | |

Total Attachments: 2

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PATENT 505475830 REEL: 049176 FRAME: 0246

Combined Declaration and Assignment for Utility Patent and Design Patent Applications

DECLARATION

| Docket No.: | P100760 |
|---|--|
| Title of Invention: MONITORING A VEHICLE-TO-EVERYTHING COMMUNICATION SYSTEM | |
| As a below named | inventor, I hereby declare that this declaration is directed to: |
| ☐ The attached a | pplication, or |
| | ates Application Number or PCT International Application Number filed on |
| The above-identifi | ed application was made or authorized to be made by me. |
| I believe I am the application. | original inventor or an original joint inventor of a claimed invention in the |
| | dge that any willful false statement made in this declaration is punishable 1001 by fine or imprisonment of not more than five (5) years, or both. |
| | ASSIGNMENT |
| LIMITED, the ent | eement with my employer, I formally assign to APTIV TECHNOLOGIES ire right, title, and interest, in all countries, in the improvements set forth in the on or in the United States Application Number of PCT International per listed above for which I executed a declaration dated as indicated below. |
| Hereby executed b | by the undersigned on the date opposite the undersigned name: |
| Legal Name Of Inventor | with Day Date: 10 May 2019 ristopher D. Ruppel |
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PATENT REEL: 049176 FRAME: 0247

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Aptiv Technologies Limited

Legal Name. Of Inventor

Suril Lingementhy Javeli 05/10/2019

Sunil Lingamurthy Javali

PATENT REEL: 049176 FRAME: 0248

RECORDED: 05/14/2019