## PATENT ASSIGNMENT COVER SHEET

**SUBMISSION TYPE:** NEW ASSIGNMENT  
**NATURE OF CONVEYANCE:** ASSIGNMENT

### CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAUL ROELAND VERHEIJEN</td>
<td>05/04/2017</td>
</tr>
<tr>
<td>JASPER JOHANNES ANTHONIUS PAUWELUSSEN</td>
<td>05/04/2017</td>
</tr>
</tbody>
</table>

### RECEIVING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>TOMTOM TELEMATICS B.V.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address</td>
<td>DE RUIJTERKADE 154</td>
</tr>
<tr>
<td>City</td>
<td>AMSTERDAM</td>
</tr>
<tr>
<td>State/Country</td>
<td>NETHERLANDS</td>
</tr>
<tr>
<td>Postal Code</td>
<td>1011 AC</td>
</tr>
</tbody>
</table>

### PROPERTY NUMBERS Total: 1

<table>
<thead>
<tr>
<th>Property Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Number</td>
<td>15523404</td>
</tr>
</tbody>
</table>

### 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.*  
**Phone:** 6036430330 - 11129  
**Email:** patents@tomtom.com  
**Correspondent Name:** TOMTOM INTERNATIONAL B.V.  
**Address Line 1:** DE RUIJTERKADE 154  
**Address Line 2:** IP CREATION  
**Address Line 4:** AMSTERDAM, NETHERLANDS 1011 AC

**ATTORNEY DOCKET NUMBER:** 1112/US  
**NAME OF SUBMITTER:** MURIELLE DUPONT  
**SIGNATURE:** /Murielle Dupont/  
**DATE SIGNED:** 07/04/2017

**Total Attachments:** 3  
source=1112_Verheijen_Pauwelussen#page1.tif  
source=1112_Verheijen_Pauwelussen#page2.tif  
source=1112_Verheijen_Pauwelussen#page3.tif
 ASSIGNMENT

This Patent Assignment is made

BETWEEN:

Paul Roeland VERHEIJEN (TomTom ID number: 03392), a Dutch citizen, c/o De Ruijterkade 154, 1011AC Amsterdam, The Netherlands;

Jasper Johannes Anthonius PAUWELUSSEN (TomTom ID number: 14662), a Dutch citizen, c/o De Ruijterkade 154, 1011AC Amsterdam, The Netherlands;

(the “Inventors”, hereinafter referred to as the “Assignor”);

AND:

TomTom Telematics B.V., De Ruijterkade 154, 1011AC Amsterdam, The Netherlands;

(the “Assignee”).

WHEREAS, the Inventors, during the course of their employment with the Assignee, have invented:

APPARATUS AND METHOD FOR VEHICLE ECONOMY IMPROVEMENT

Docket ID No. 1112/PCT

and in respect of which has been filed:

United Kingdom Patent Application No. 1504230.2 on 12 March 2015;


WHEREAS, the Assignee is desirous of acquiring all right, title, and interest in and to the invention(s) as set forth in the aforementioned applications and the applications themselves.
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the Assignor confirms any prior assignment to the Assignee and the right of the Assignee to file the aforementioned patent applications, such as by virtue of employment, and to the extent that the Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto the Assignee and its successors in interest, the full and exclusive right, title and interest in any country of the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the invention(s) as described in the aforementioned patent applications, to the patent applications themselves, and all divisions, continuations, continuations-in-part, national phase applications or other applications claiming priority directly or indirectly from the aforementioned applications, and any patents, registered designs, utility models, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright and unregistered design rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by the Assignee to the full end of the term for which the patents, utility models, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by the Assignor had this assignment not been made, and the right to sue for, and recover for past, present and future infringements of, or liabilities for, any of the rights relating to any of the applications, patents, registered designs, utility models, or other similar rights, resulting therefrom, and the copyright rights;

the Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in any country of the world including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title in and to the invention(s), the applications and patents in respect thereof, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth; and

the Assignor hereby covenants and agrees to allow any information in respect of the aforementioned application(s), including the application number and filing date, to be inserted above (after the execution of the Assignment) once such information is known.
The Assignment is executed as of the date(s) given below:

Signature: 
Name: Paul Roeland VERHELJEN
Date: 04-05-2017

Signature: 
Name: Jasper Johannes Anthonius PAUWELUSSEN
Date: 04-05-2017