

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4501225

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TOMTOM DEVELOPMENT GERMANY GMBH	06/15/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TOMTOM TELEMATICS B.V.
<b>Street Address:</b>	DE RUIJTERKADE 154
<b>City:</b>	AMSTERDAM
<b>State/Country:</b>	NETHERLANDS
<b>Postal Code:</b>	1011 AC
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15528767
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Phone:</b>	6036430330 - 11129
<b>Email:</b>	patents@tomtom.com
<b>Correspondent Name:</b>	TOMTOM INTERNATIONAL B.V.
<b>Address Line 1:</b>	DE RUIJTERKADE 154
<b>Address Line 2:</b>	IP CREATION
<b>Address Line 4:</b>	AMSTERDAM, NETHERLANDS 1011 AC
<b>ATTORNEY DOCKET NUMBER:</b>	1110/US
<b>NAME OF SUBMITTER:</b>	MURIELLE DUPONT
<b>SIGNATURE:</b>	/Murielle Dupont/
<b>DATE SIGNED:</b>	07/13/2017
<b>Total Attachments: 8</b>	
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**ASSIGNMENT**

This Assignment is made

**BETWEEN:**

Christoph EBERT (TomTom ID number: 14166), a German citizen, c/o of Inselstraße 22, D-04103 Leipzig, Germany

Lars DIETZEL (TomTom ID number: 05714), a German citizen, c/o of Inselstraße 22, D-04103 Leipzig, Germany

Steffen ORLOWSKY (TomTom ID number: 05177), a German citizen, c/o of Inselstraße 22, D-04103 Leipzig, Germany

Marco LEUPOLD (TomTom ID number: 05142), a German citizen, c/o of Inselstraße 22, D-04103 Leipzig, Germany

(the "Inventors");

**AND:**

TomTom Development Germany GmbH, a German corporation of Inselstraße 22, D-04103 Leipzig, Germany (hereinafter "TTDG");

**AND:**

TomTom Telematics B.V., a Dutch corporation of De Ruijterkade 154, 1011 AC Amsterdam, Netherlands (hereinafter "TTT").

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

**APPARATUS AND METHOD FOR PROVIDING OPTIMAL GEAR ADVICE**

Docket ID No. 1110/US

and in respect of which has been filed:

United Kingdom Patent Application No. 1504185.8 on 12 March 2015;

International (PCT) Application No. PCT/EP2015/077830 on 26 November 2015

United States Patent Application No. 15/528,767 on 23 May 2017.

WHEREAS, pursuant to a Research and Development Agreement having an effective date of 30 August 2014 between TTT and TTDG, all intellectual property rights created in the course of the performance of research and development services by TTDG relating to the further development and design of products and services related to the business of TTT, including, but not limited to software and telematics services for tracking and tracing solutions, shall vest in and be the absolute property of TTT. .

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the Inventors and TTDG confirm any prior assignment to TTT and the right of TTT to file the aforementioned applications, and to the extent that the Inventors and/or TTDG, as appropriate, have not already done so, hereby assign and transfer unto TTT 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 applications, to the 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 applications and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by TTT to the full end of the term for which the patents, utility models, registered designs or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by the Inventors and/or TTDG, as appropriate, 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 inventors and/or TTDG, as appropriate, hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, registered design 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 TTT without further or other compensation than that above set forth.

The Assignment is executed as of the date(s) given below:

Signature: 

Name: Christoph EBERT

Date: 28.5.2017

Signature:

Name : Lars DIETZEL

Date:

Signature:

Name: Steffen ORLOWSKY

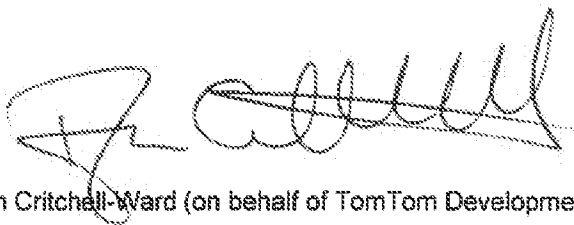
Date:

Signature:

Name: Marco LEUPOLD

Date:

Signature:

A handwritten signature in black ink, appearing to read "Ann Critchall-Ward". The signature is written in a cursive style with a large initial "A" and "W".

Name: Ann Critchall-Ward (on behalf of TomTom Development Germany GmbH)

Position: Attorney-in-fact

Date: 15-06-17

**ASSIGNMENT**

This Assignment is made

**BETWEEN:**

Christoph EBERT (TomTom ID number: 14188), a German citizen, c/o of Inselstraße 22, D-04103 Leipzig, Germany

Lars DIETZEL (TomTom ID number: 05714), a German citizen, c/o of Inselstraße 22, D-04103 Leipzig, Germany

Steffen ORLOWSKY (TomTom ID number: 05177), a German citizen, Wacholderweg 17, D-06849 Dessau-Roßlau, Germany

Marco LEUPOLD (TomTom ID number: 05142), a German citizen, c/o of Inselstraße 22, D-04103 Leipzig, Germany

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**AND:**

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the Inventors and/or TTDG, as appropriate, hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, registered design 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 TTT without further or other compensation than that above set forth.

The Assignment is executed as of the date(s) given below:

Signature:

Name: Christoph EBERT

Date:

Signature: 


Name : Lars DIETZEL

Date: 05-29-2017

Signature: 

Name: Steffen ORŁOWSKI

Date: 05-29-2017

Signature: 

Name: Marco LEUPOLD

Date: 05-29-2017

Signature:

A handwritten signature in black ink, appearing to read "A. Critchell-Ward", written over a horizontal line.

Name: Ann Critchell-Ward (on behalf of TomTom Development Germany GmbH)

Position: Attorney-in-fact

Date: 15 10612017