

PATENT ASSIGNMENT COVER SHEET

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| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| MATHIEU M.B. DOORDUYN | 05/22/2014 |
| RECEIVING PARTY DATA | |
| Name: | TOMTOM INTERNATIONAL B.V |
| Street Address: | DE RUIJTERKADE 154 |
| City: | AMSTERDAM |
| State/Country: | NETHERLANDS |
| Postal Code: | 1011 AC |
| PROPERTY NUMBERS Total: 3 | |
| Property Type | Number |
| Application Number: | 14785370 |
| Application Number: | 14785387 |
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| DATE SIGNED: | 11/09/2016 |
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ASSIGNMENT

This Patent Assignment is made

BETWEEN:

Hendrik Sebastian ZIEZOLD, a German citizen with c/o address at De Ruijterkade 154,
1011 AC Amsterdam, The Netherlands;

Simone Francine TERTOOLEN, a Dutch citizen residing at Van Weelstraat 26, 3022 ZD
Rotterdam, The Netherlands;

Mathieu M.B. DOORDUYN, a Dutch citizen residing at 1e Daalsedijk 206, 2513 TJ
Utrecht, The Netherlands;

Marc Alexander VIDDELEER, a Dutch citizen with c/o address at De Ruijterkade 154,
1011 AC Amsterdam, The Netherlands;

Adrian Catalin BOGDAN, a Romanian citizen residing at Dirk Vreekenstraat 72, 1019 GD
Amsterdam, The Netherlands;

Joost Cornelis Frederik VOOGT, a Dutch citizen with c/o address at De Ruijterkade 154,
1011 AC Amsterdam, The Netherlands;

Ruud WILLEMSTEIN, a Dutch citizen with c/o address at De Ruijterkade 154, 1011 AC
Amsterdam, The Netherlands;

Martin WOLF, a Dutch citizen with c/o address at De Ruijterkade 154, 1011 AC
Amsterdam, The Netherlands;

Maurits HOL, a Dutch citizen with c/o address at De Ruijterkade 154, 1011 AC
Amsterdam, The Netherlands;

Michel DE BOER, a Dutch citizen residing at Wallestein 46, 3632 WN Loenen aan de
Vecht, The Netherlands;

(the "inventors", hereinafter referred to collectively as the "Assignor");

AND:

TomTom International B.V., a Dutch company of De Ruijterkade 154, 1011 AC Amsterdam, The Netherlands (the "Assignee").

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

**METHODS, DEVICES AND COMPUTER SOFTWARE FOR FACILITATING
SEARCHING AND DISPLAY OF LOCATIONS RELEVANT TO A DIGITAL MAP**

Docket ID No. 1068/PCT

and in respect of which has been filed:

United Kingdom Patent Application No. GB1306937.2 on 17 April 2013

United Kingdom Patent Application No. GB1306942.2 on 17 April 2013

United Kingdom Patent Application No. GB1306944.8 on 17 April 2013

International Patent Application No. PCT/EP2014/057986 on 17 April 2014

International Patent Application No. PCT/EP2014/057985 on 17 April 2014

International Patent Application No. PCT/EP2014/057987 on 17 April 2014

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: Hendrik Sebastian ZIEZOLD


Date:

Signature:

Name: Simone Francine TERTOOLEN

Date:

Signature:

Name:  Mathieu M.B. DOORDUYN

Date: 22-05-2014

Signature:

Name: Marc VIDDELEER

Date:

Signature:

Name: Adrian BOGDAN

Date:

Signature:

Name: Joost Cornelis Frederik VOOGT

Date:

Signature:

Name: Ruud WILLEMSTEIN

Date:

Signature:

Name: Martin WOLF

Date:

Signature:

Name: Maurits HOL

Date:

Signature:

Name: Michel DE BOER

Date: