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Atty. Docket No.: 15081-000321/US/NP
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Alexandria, VA 22314 11-26-2010 R SHEET s and Trademarks: To the l 103612398 nts or copy thereof. Please re 2. Name and address of receiving party(ies) Name of conveying party(ies): TomTom International B.V. Name: Jeremy GREEN Street Address: Rembrandtplein 35 City: Amsterdam Country: The Netherlands Additional name(s) of conveying party(ies) attached? ☐ YES ⊠ NO Postal Code: NL-1017 3. Nature of conveyance: □ Security Agreement ☐ Merger Additional name(s) & address(es) attached?

TYES

NO Other: ☐ Change of Name **Execution Date:** November 3, 2010 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s). A. Patent Application No(s). 12/736,708 Additional numbers attached?

YES

NO 6. Total No. of applications/patents involved: One 5. Name and address of party to whom correspondence concerning document should be 7. Total fee (37 C.F.R. § 3.41): mailed: \$40.00 Name: HARNESS, DICKEY & PIERCE, P.L.C. □ Enclosed Street Address: P.O. BOX 8910 ■ Authorized to be charged to deposit account, if no fee attached. ZIP: **20195** City: **RESTON** State: VA 8. Deposit account number: <u>08-0750</u> Country: USA (Attach triplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. November 23, 2010 Donald J. Daley/34,313 Date Signature Name of Person Signing/Reg No. 11/26/2010 AMULLINS 00000075 12736708 Total number of pages including cover sheet, attachments, and document: three (3) 40.00 UF MI FC:8021

ASSIGNMENT

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

METHOD AND APPARATUS FOR TRAJECTORY DISPLAY

| for which patent | Assig | nor is | about to make or has made United States or International application fo |
|------------------|-------|--------|--|
| (8 | a) | | executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney); |
| (b |) | | executed on,; or |
| (0 | ;) | × | filed on June 24, 2009, and assigned Serial No or PCI International Application No. <u>PCT/EP2009/057881</u> ; and amended or November 2, 2010 |

WHEREAS, TomTom International B.V. of Rembrandtplein 35, NL-1017 CT Amsterdam, THE NETHERLANDS, hereinafter referred to as Assignee, is desirous of acquiring all right, title, and interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged. Assignor hereby confirms any prior assignment to Assignee, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or nureign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright 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 Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights:

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 the United States and in all foreign countries 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 and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

The undersigned hereby grant(s) the law firm of Harness, Dickey & Pierce, P.L.C. the power to insert on this Assignment any further identification which may be necessary desirable in order to comply with the rules of the U.S. Patent and Tradematic effice poster and English document.

Attorney Docket No. 15081-000321/US/NP

5. Green ASSIGNMENT

Jeremy GREEN

SAD NON ZOID

Dated

PATENT REEL: 025314 FRAME: 0345

RECORDED: 11/23/2010