

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3502079

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ERIC CHARLES KRANTZ	12/19/2014
PETER VAN WYCK LOOMIS	12/23/2014
GREGORY CRAIG WALLACE	02/06/2015
NICHOLAS CHARLES TALBOT	12/17/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TRIMBLE NAVIGATION LIMITED
<b>Street Address:</b>	935 STEWART DRIVE
<b>City:</b>	SUNNYVALE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94085
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14479370
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(415)576-0300
<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>	650-326-2400
<b>Email:</b>	kmak@kilpatricktownsend.com
<b>Correspondent Name:</b>	KILPATRICK TOWNSEND & STOCKTON LLP
<b>Address Line 1:</b>	TWO EMBARCADERO CENTER, EIGHTH FLOOR
<b>Address Line 4:</b>	SAN FRANCISCO, CALIFORNIA 94111
<b>ATTORNEY DOCKET NUMBER:</b>	89730-028800US-955783
<b>NAME OF SUBMITTER:</b>	KELLY MAK
<b>SIGNATURE:</b>	/Kelly Mak/
<b>DATE SIGNED:</b>	08/27/2015
<b>Total Attachments: 8</b>	
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**ASSIGNMENT TO TRIMBLE NAVIGATION LTD.**

In consideration of good and valuable consideration, receipt of which is hereby acknowledged,  
I/we

**Eric Charles KRANTZ**

do hereby sell, assign and transfer unto **TRIMBLE NAVIGATION LTD.** (hereinafter called TRIMBLE), a California Corporation having its principal place of business at 935 Stewart Drive, Sunnyvale, CA 94085, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

**“SATELLITE NAVIGATION USING SIDE BY SIDE ANTENNAS”**

\_\_\_\_\_ filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; or

  X   Serial No. 14/479,370 filed on 09/07/2014 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore;

Further, I/we have agreed to assign to TRIMBLE all inventions (except as otherwise limited by law) which relate to TRIMBLE business and which were first conceived or actually reduced to practice during my/our employment by TRIMBLE;

And for the above consideration, I/we agree promptly upon request of TRIMBLE its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to TRIMBLE, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us lending such cooperation and assistance are paid by TRIMBLE;

I/we further covenant with TRIMBLE, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

Docket No. A-3248/Tank-338

In witness whereof, I/we hereunto set my/our hand(s) and seal.

Inventor's Signature  Date 12/19/14

Print Name Eric Charles KRANTZ

**ASSIGNMENT TO TRIMBLE NAVIGATION LTD.**

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I/we

**Peter Van Wyck LOOMIS**

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Docket No. A-3248/Tank-338

In witness whereof, I/we hereunto set my/our hand(s) and seal.

Inventor's Signature Peter Van Wyck Loomis Date 23 Dec 2014

Print Name Peter Van Wyck LOOMIS

**ASSIGNMENT TO TRIMBLE NAVIGATION LTD.**

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I/we

**Gregory Craig WALLACE**

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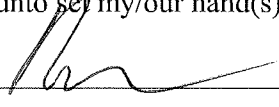
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Docket No. A-3248/Tank-338

In witness whereof, I/we hereunto set my/our hand(s) and seal.

Inventor's Signature



Date

6 Feb 2015

Print Name

Gregory Craig WALLACE



**ASSIGNMENT TO TRIMBLE NAVIGATION LTD.**

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I/we

**Nicholas Charles TALBOT**

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Docket No. A-3248/Tank-338

In witness whereof, I/we hereunto set my/our hand(s) and seal.

Inventor's Signature Nicholas Talbot Date 17 Dec 2014

Print Name Nicholas Charles TALBOT