PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3180999

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GREGORY CRAIG WALLACE	08/25/2014
PETER VAN WYCK LOOMIS	12/12/2014
SHAWN D WEISENBURGER	07/16/2014
JAMES M JANKY	07/23/2014

RECEIVING PARTY DATA

Name:	TRIMBLE NAVIGATION LIMITED
Street Address:	935 STEWART DRIVE
City:	SUNNYVALE
State/Country:	CALIFORNIA
Postal Code:	94085

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14304822

CORRESPONDENCE DATA

Fax Number: (831)722-2350

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: 408-377-0500

Email: patents@wagnerblecher.com

Correspondent Name: TRIMBLE NAVIGATION LIMITED C/O WAGNER BL

123 WESTRIDGE DRIVE Address Line 1:

Address Line 4: WATSONVILLE, CALIFORNIA 95076

ATTORNEY DOCKET NUMBER:	TRMB-3227
NAME OF SUBMITTER:	BRENDA DINAPOLI
SIGNATURE:	/Brenda Dinapoli/
DATE SIGNED:	01/13/2015

Total Attachments: 4

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PATENT REEL: 034699 FRAME: 0731

Attorney Docket No.: TRMB-3227
Assignment to Trimble Navigation Limited
In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we
Gregory Craig WALLACE
do hereby sell, assign and transfer unto Trimble Navigation Limited (hereinafter called Trimble), a California Corporation having its principal place of business at 935 Stewart Drive, Sunnyvale, California 94085, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in the invention and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:
GLOBAL NAVIGATION SATELLITE SYSTEM RECEIVER SYSTEM WITH RADIO FREQUENCY HARDWARE COMPONENT
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.: 14/304,822 filed on June 13, 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, and do hereby 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 in 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;
In witness whereof, I/we hereunto set my/our hand(s) and seal.
Inventor's Signature: Date: 8/25/2014
Witness(es):
Witness' Signature: Date: 8/25/2014

Page 1 of 1

Print or type name:

Home Address:

rev: 20130703/jbm

Attorney Docket No.	TRMB-3227
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Assignment to Trimble Navigation Limited

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we
Peter Van Wyck LOOMIS
do hereby sell, assign and transfer unto Trimble Navigation Limited (hereinafter called Trimble), a Californic Corporation having its principal place of business at 935 Stewart Drive, Sunnyvale, California 94085, and it successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in the invention and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:
GLOBAL NAVIGATION SATELLITE SYSTEM RECEIVER SYSTEM WITH RADIO FREQUENCY HARDWARE COMPONENT
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.: 14/304,822 filed on June 13, 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, and do hereby assign to Trimble, all inventions (except a 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 Unite 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 in lending such cooperation and assistance are paid by Trimble;
I/we further covenant with Trimble, its successors, assigns, and legal representatives that no assignment, gran mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to other by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;
In witness whereof, I/we hereunto set my/our hand(s) and seal.
Inventor's Signature: 12 Dec 2014
Witness(es):
Witness' Signature: 12 DEC 2014
Print or type name: \[\int JoN \tau SIEGRIST \]
Home Address: 485 MARVINE OF CHOOKING CA GRORG

Page 1 of 1

PATENT rev: 20130703/jbm

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Assignment to Trimble Navigation Limited

In consideration of good and valuable consideration, receipt of which is hereby acknowledged,	I/we
Shawn D. WEISENBURGER	nganianganianganianganianganiangan
do hereby sell, assign and transfer unto Trimble Navigation Limited (hereinafter called Tr Corporation having its principal place of business at 935 Stewart Drive, Sunnyvale, Califor successors and assigns, the entire right, title, and interest for the United States and all fore invention and to any and all improvements, including the right of priority in, to, and under, the United States patent entitled:	nia 94085, and its ign countries, in the
GLOBAL NAVIGATION SATELLITE SYSTEM RECEIVER SYSTEM WITH RADIO HARDWARE COMPONENT	FREQUENCY
filed herewith and the inventions set forth and described therein, and any and all Letters P United States and of countries foreign thereto which may be granted thereon or therefore	
X Serial No.: 14/304,822 filed on June 13, 2014 and the in and described therein, and any and all Letters Patent of the United States and of count which may be granted thereon or therefore;	ventions set forth ries foreign thereto
Further, I/we have agreed to assign to Trimble, and do hereby assign to Trimble, all involventies limited by law) which relate to Trimble business and which were first conceived or practice during my/our employment by Trimble;	ventions (except as actually reduced to
And for the above consideration, I/we agree promptly upon request of Trimble, its success execute and deliver without further compensation any power of attorney, assignment, application continuation, divisional or reissue, or other papers which may be necessary or desirable fully to its successors and assigns, the inventions described in said application and all patent rights the States and in any country foreign thereto, and to cooperate and assist in the prosecut proceedings involving said inventions and in the adjudication or reexamination of said Letters expenses which may be incurred by me/us in lending such cooperation and assistance are paid	on, whether original secure to Trimble nerein, in the United tion of interference Patent provided the
I/we further covenant with Trimble, its successors, assigns, and legal representatives that no mortgage, license, or other agreement affecting the rights and property herein conveyed has be by the undersigned, and that full right to convey the same as herein expressed is possessed by	een made to others
In witness whereof, I/we hereunto set my/our hand(s) and seal.	
Inventor's Signature: Share Date: Date: Date:	16,2014
Witness(es): Witness' Signature: Date: The state of the s	y 16, 2014
Print or type name: Richard L. Hassleic	
Home Address: 9779 OTIS DRIVE WEST MINISTERS	0 ROOM

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PATENT rev: 20130703/jbm

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Assignment	to I rimble Navigation Limited
In consideration of	good and valuable consideration, receipt of which is hereby acknowledged, I/we
<u>Ja</u>	mes M. JANKY
Corporation having successors and as	ssign and transfer unto Trimble Navigation Limited (hereinafter called Trimble), a California its principal place of business at 935 Stewart Drive, Sunnyvale, California 94085, and its ssigns, the entire right, title, and interest for the United States and all foreign countries, in the my and all improvements, including the right of priority in, to, and under, the application for the entitled:
GLOBAL NA	AVIGATION SATELLITE SYSTEM RECEIVER SYSTEM WITH RADIO FREQUENCY HARDWARE COMPONENT
	and the inventions set forth and described therein, and any and all Letters Patent of the and of countries foreign thereto which may be granted thereon or therefore; or
X Serial No.: 1 and described which may be	14/304,822 filed on June 13, 2014 and the inventions set forth I therein, and any and all Letters Patent of the United States and of countries foreign thereto granted thereon or therefore;
otherwise limited b	e agreed to assign to Trimble, and do hereby assign to Trimble, all inventions (except as y law) which relate to Trimble business and which were first conceived or actually reduced to our employment by Trimble;
execute and delive continuation, division its successors and States and in any proceedings involve	consideration, I/we agree promptly upon request of Trimble, its successors or assigns, to r without further compensation any power of attorney, assignment, application, whether original, and or reissue, or other papers which may be necessary or desirable fully to secure to Trimble, assigns, the inventions described in said application and all patent rights therein, in the United country foreign thereto, and to cooperate and assist in the prosecution of interference ing said inventions and in the adjudication or reexamination of said Letters Patent provided the ay be incurred by me/us in lending such cooperation and assistance are paid by Trimble;
mortgage, license,	ant with Trimble, its successors, assigns, and legal representatives that no assignment, grant, or other agreement affecting the rights and property herein conveyed has been made to others, and that full right to convey the same as herein expressed is possessed by the undersigned;
In witness whereof	I/we hereunto set my/our hand(s) and seal.
Inventor's Signatur	e: James M. Janly Date: Z3 JULY Z014
Witness(es):	
Witness' Signature	ANNA MARIE JANKY Date: July 23, 2014
Print or type name:	ANNA MARIE JANKY

894 LOCKHAVEN DRIVE, LOS ALTOS, CA 94024

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