503281807 04/27/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3328425

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RICHARD RUDOW	01/20/2015
VENKATESWARAN KASIRAJAN	01/20/2015
ROBERT WOLD	04/16/2015
NICHOLAS C. TALBOT	01/16/2015
PETER VAN WYCK LOOMIS	01/16/2015
SHAWN D. WEISENBURGER	01/19/2015
JAMES M. JANKY	01/21/2015
MICHAEL V. MCCUSKER	01/21/2015

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:	14516157

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

Address Line 1: 123 WESTRIDGE DRIVE

Address Line 4: WATSONVILLE, CALIFORNIA 95076

ATTORNEY DOCKET NUMBER:	TRMB-3172.CIP9
NAME OF SUBMITTER:	BRENDA DINAPOLI
SIGNATURE:	/Brenda Dinapoli/

PATENT 503281807 REEL: 035505 FRAME: 0329

DATE SIGNED:	04/27/2015		
Total Attachments: 8			
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PATENT REEL: 035505 FRAME: 0330

Assignment to Trimble Navigation Limited

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we
Richard RUDOW
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 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:
EXTERNAL ELECTRONIC DISTANCE MEASUREMENT ACCESSORY FOR A MOBILE DATA COLLECTION PLATFORM
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.: 14/516,157 filed on October 16, 2013 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: /-28-/5
Witness(es):
Witness' Signature: 1-20-15 Print or type name: Joanna J. Rudow
Print or type name: Joanna J. Rudow
Home Address: 2403 N. Keesha Mesa AZ 85207
Page X of 1

Assignment to Trimble Navigation Limited

n consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we						
Venkateswaran KASIRAJAN						
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:						
EXTERNAL ELECTRONIC DISTANCE MEASUREMENT ACCESSORY FOR A MOBILE DATA COLLECTION PLATFORM						
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.: 14/516,157 filed on October 16, 2013 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: 20 Jan / 2015						
Mitnood (op)						
Witness(es): Witness' Signature: Date: 20 Jan 2015						
Witness' Signature: Date: 20 Jan 2015 Print or type name: J-KARTHIK NARAYAWAN						
Home Address: 45/6, Rajashree flats, 18th avenue, Ashou rafaw, Chennai-83						

Page 1 of 1

Attornev	Docket No.:	TRMB-3172.CIP9
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Assignment to Trimble Navigation Limited

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In consideration of go	ood and valuab	ole considera	tion, receipt of	which is he	reby ac	knowledged, l	/we
Robe	rt WOLD	**************************************			·····		amana makii illihi illii illii oo o
do hereby sell, assig Corporation having it successors and assig invention and to any United States patent	ts principal pla gns, the entire and all improv	ace of busine right, title, a	ess at 935 Stone at 1935 at 19	ewart Drive, the United	Sunny States	vale, Californi and all foreig	a 94085, and its n countries, in the
EXTERNAL E	LECTRONIC		MEASUREM ECTION PLA		SSORY	FOR A MOB	ILE DATA
filed herewith an United States a	d the inventior nd of countries	ns set forth an foreign there	nd described t eto which may	herein, and a be granted	any and thereon	all Letters Pa or therefore;	tent of the or
X Serial No.: 14/ and described the which may be gr	516,157 nerein, and and anted thereon	filed on y and all Let or therefore;	October 16, 20 ters Patent of	13 the United §	States a	and the inve	entions set forth es foreign thereto
Further, I/we have a otherwise limited by I practice during my/ou	aw) which rela	ite to Trimble	e, and do he business and	reby assign I which wer	to Trine first c	mble, all inve onceived or a	ntions (except as ctually reduced to
And for the above of execute and deliver original, continuation, Trimble, its successouthe United States a interference proceeding provided the expense Trimble;	without furthed divisional or restrict or	er compensa eissue, or oth s, the invention untry foreign aid inventior	ition any pow ier papers whi ons described i thereto, and is and in the a	rer of attorr ch may be r in said app I to cooper djudication	ney, as necessa dication ate and or reexa	signment, app ry or desirable and all patent d assist in the amination of s	olication, whether fully to secure to trights therein, in e prosecution of aid Letters Patent
I/we further covenant mortgage, license, or by the undersigned, a	other agreeme	ent affecting t	he rights and	property her	ein con	veved has bee	en made to others
n witness whereof, I/V	ve hereunto se	et my/our har	ıd(s) and seal.				
nventor's Signature:	A	M			Date: 	4/16/15	
Nitness(es):							
<i>N</i> itness' Signature:			***************************************		Date:	4/16/15	
Print or type name:	RYAN	, Kun	N				
Home Address:	2462	S Ex	SENANA	WAY	···	Aurona,	(0
						,	

Page 1 of 1

Assignment to Trimble Navigation Limited

In consideration of go	od and valuable consideration, receipt of which is	s hereby ackno	wledged, I/we	
Nicho	olas C. TALBOT			
Corporation having its successors and assig	in and transfer unto Trimble Navigation Limite is principal place of business at 935 Stewart D ins, the entire right, title, and interest for the Ur and all improvements, including the right of prio entitled:	rive, Sunnyval nited States an	e, California 940 d all foreign coun	85, and its
EXTERNAL E	LECTRONIC DISTANCE MEASUREMENT AC COLLECTION PLATFORM	CCESSORY FO	OR A MOBILE DA	ATA_
filed herewith and United States an	d the inventions set forth and described therein, and of countries foreign thereto which may be gran	and any and all ted thereon or	Letters Patent of t therefore; or	:he
X Serial No.: 14/5 and described th which may be gra	516,157 filed on October 16, 2013 lerein, and any and all Letters Patent of the Unit anted thereon or therefore;	ted States and	and the inventions of countries forei	set forth gn thereto
otherwise limited by is	greed to assign to Trimble, and do hereby as aw) which relate to Trimble business and which remployment by Trimble;	ssign to Trimb were first cond	le, all inventions ceived or actually	(except as reduced to
continuation, divisiona its successors and assistates and in any coproceedings involving	onsideration, I/we agree promptly upon request ithout further compensation any power of attorned or reissue, or other papers which may be necessigns, the inventions described in said application ountry foreign thereto, and to cooperate and said inventions and in the adjudication or reexample incurred by me/us in lending such cooperation	y, assignment, sary or desirate n and all paten assist in the	application, whethole fully to secure to trights therein, in prosecution of in the terms patent on the terms of terms of the terms of terms	ner original to Trimble the United nterference
mongage, license, or o	with Trimble, its successors, assigns, and legal other agreement affecting the rights and property and that full right to convey the same as herein exp	, herein convey	ied has heen mad	e to others
In witness whereof, I/w	e hereunto set my/our hand(s) and seal.			
Inventor's Signature:	Muliolas Tallot	Date:	16 Jan E	2015.
Witness(es):	. 1			
Witness' Signature:	S. Juno	Date:	16/1/15	
Print or type name:	SIMON BEST			•
Home Address:	37 ALLISON ROAD, MONT ALBE	ECT NORTH	VICTORIA	3129

REEL: 035505 FRAME: 0334

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:
EXTERNAL ELECTRONIC DISTANCE MEASUREMENT ACCESSORY FOR A MOBILE DATA COLLECTION PLATFORM
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.: 14/516,157 filed on October 16, 2013 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 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 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: Let Van Uhh his Date: 16 Jan 2015
Witness(es):
Witness' Signature: Date: 16 Jan 2015
Print or type name: Jan T SIEGRIST
Home Address: 485 MANINE CT Sunay vale GA 94086

Assignment to Trimble Navigation Limited

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we
Shawn D. WEISENBURGER
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:
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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: Shown Wentry Date: for 19, 2015
Witness(es):
Witness' Signature: Date: Jan 19, 20/5
Print or type name: Gregory Wallace
Home Address: 9791 W. 71st Ave, Arvada, CO 80004, UCA

Page 1 of 1

Attorney Docket No.: TRMB-3172.CI	P9
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Assignment to Trimble Navigation Limited

In consideration of good and valuable consideration, receipt of	which is hereby acknowledged, I/we
James M. JANKY	
do hereby sell, assign and transfer unto Trimble Navigation Corporation having its principal place of business at 935 Strauccessors and assigns, the entire right, title, and interest for invention and to any and all improvements, including the right United States patent entitled:	ewart Drive, Sunnyvale, California 94085, and its the United States and all foreign countries, in the
EXTERNAL ELECTRONIC DISTANCE MEASUREM	
COLLECTION PLA	
filed herewith and the inventions set forth and described the United States and of countries foreign thereto which may	erein, and any and all Letters Patent of the be granted thereon or therefore; or
X Serial No.: 14/516,157 filed on October 16, 20 and described therein, and any and all Letters Patent of which may be granted thereon or therefore;	and the inventions set forth the United States and of countries foreign thereto
Further, I/we have agreed to assign to Trimble, and do he otherwise limited by law) which relate to Trimble business and practice during my/our employment by Trimble;	reby assign to Trimble, all inventions (except as d which were first conceived or actually reduced to
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I/we further covenant with Trimble, its successors, assigns, as mortgage, license, or other agreement affecting the rights and by the undersigned, and that full right to convey the same as he	property herein conveyed has been made to others
In witness whereof, I/we hereunto set my/our hand(s) and seal.	
Inventor's Signature: James M. Janky	Date:
	21 JAN 2015
Witness(es):	
Witness' Signature: Amna Marie Janky	Date: Jan. 21, 2015
Print or type name: Anna Marie Janky	, , , , , , , , , , , , , , , , , , ,
Home Address: 894 Lockhaven Drive Los Altos CA 940)24

Page 1 of 1

Assignment to Trimble Navigation Limited

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we
Michael V. McCUSKER
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:
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In witness whereof, I/we hereunto set my/our hand(s) and seal.
Inventor's Signature: Thickan Smile Date: 25 Jan 2015
Witness(es):
Witness' Signature: Jame M. July Date: 21 LAN 2015
Print or type name: JAMES M. JANKY
Home Address: 894 LOCK HAVEN DR LOS ACTOS CA 9 4024

Page 1 of 1

RECORDED: 04/27/2015

rev: 20130703/jbm

REEL: 035505 FRAME: 0338