PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2840848

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RICHARD RUDOW	04/15/2014
ROBERT WOLD	04/18/2014
VENKATESWARAN KASIRAJAN	04/17/2014
NICHOLAS C. TALBOT	04/09/2014
PETER VAN WYCK LOOMIS	04/21/2014
SHAWN D. WEISENBURGER	04/08/2014
JAMES M. JANKY	04/09/2014

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:	14268998

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 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.CIP13
NAME OF SUBMITTER:	BRENDA DINAPOLI
SIGNATURE:	/Brenda Dinapoli/
DATE SIGNED:	05/02/2014

Total Attachments: 7

PATENT
REEL: 032814 FRAME: 0932

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PATENT REEL: 032814 FRAME: 0933

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 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:
CONCURRENT DUAL PROCESSING OF PSEUDORANGES WITH CORRECTIONS
X 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
Serial No.: filed on 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: 4/- /5-14
Witness(es): Witness' Signature: Date: 4/15/14
Print or type name: Lawrence J. Fox
Home Address: 10755 E. Chelle La, Scottsdale Az 85259

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Assignment to Trimble Navigation Limited

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we
Robert WOLD
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:
CONCURRENT DUAL PROCESSING OF PSEUDORANGES WITH CORRECTIONS
X 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
Serial No.: filed on 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: 4/18/2014
Witness(es):
Witness' Signature: Ruhandhown Date: 4/18/2014
Print or type name: BARALIDHARAL MOHAUDOU
Home Address: 1995 6-LOALION RD, #W24-107, SUPERIOR, 60-80027

Page 1 of 1

Assignment to Trimble Navigation Limited

Page 1 of 1

In consideration of good	d and valuable consideration, receipt of which is	nereby ackr	owledged, I/we
Venkat	eswaran KASIRAJAN		THE
Corporation having its	and transfer unto Trimble Navigation Limited principal place of business at 935 Stewart Dris, the entire right, title, and interest for the United all improvements, including the right of priorititied:	ve, Sunnyv ed States a	ale, California 94085, and its and all foreign countries, in the
CONCUR	RENT DUAL PROCESSING OF PSEUDORAN	GES WITH	CORRECTIONS
X filed herewith and United States and	the inventions set forth and described therein, and for countries foreign thereto which may be granted	d any and a ed thereon o	all Letters Patent of the or therefore; or
Serial No.: and described the which may be grai	filed on	d States ar	and the inventions set forth nd of countries foreign thereto
otherwise limited by lar	reed to assign to Trimble, and do hereby ass w) which relate to Trimble business and which v employment by Trimble;	ign to Trin were first co	able, all inventions (except as onceived or actually reduced to
execute and deliver wit continuation, divisional its successors and ass States and in any co proceedings involving	nsideration, I/we agree promptly upon request hout further compensation any power of attorney or reissue, or other papers which may be necessigns, the inventions described in said application untry foreign thereto, and to cooperate and said inventions and in the adjudication or reexame incurred by me/us in lending such cooperation a	, assignmer sary or desin and all pat assist in th nination of s	nt, application, whether original, rable fully to secure to Trimble, tent rights therein, in the United the prosecution of interference taid Letters Patent provided the
mortgage, license, or o	vith Trimble, its successors, assigns, and legal ther agreement affecting the rights and property d that full right to convey the same as herein exp	herein conv	reyed has been made to others
In witness whereof, I/w	e hereunto set my/our hand(s) and seal.		- t
Inventor's Signature:	gue	Date:	17/Aprol/2014
Witness(es):			
Witness' Signature:		Date:	17 APRIL / ROLY
Print or type name:	PRAMASH HARISARVOTETA MA		
Home Address:	11/3 LOKESH APTS, POSTAL COLO.	my 4th	STREET
	WEST MAMBALAM, LHENNAH	- 6000	DES, INDIA

PATENT REEL: 032814 FRAME: 0936

Assignment to Trimble Navigation Limited

In consideration of go	od and valuable consideration, receipt of which is hereby acknowledged, I/we
Nicho	as C. TALBOT
Corporation having it successors and assign	n and transfer unto Trimble Navigation Limited (hereinafter called Trimble), a California principal place of business at 935 Stewart Drive, Sunnyvale, California 94085, and its ns, the entire right, title, and interest for the United States and all foreign countries, in the and all improvements, including the right of priority in, to, and under, the application for the ntitled:
CONCU	RENT DUAL PROCESSING OF PSEUDORANGES WITH CORRECTIONS
	the inventions set forth and described therein, and any and all Letters Patent of the d of countries foreign thereto which may be granted thereon or therefore, or
Serial No.:	filed on and the inventions set forth
	filed on and the inventions set forth and any and all Letters Patent of the United States and of countries foreign thereto nted thereon or therefore;
otherwise limited by la	preed to assign to Trimble, and do hereby assign to Trimble, all inventions (except as w) which relate to Trimble business and which were first conceived or actually reduced to employment by Trimble;
execute and deliver w continuation, divisional its successors and as States and in any c proceedings involving	nsideration, I/we agree promptly upon request of Trimble, its successors or assigns, to thout further compensation any power of attorney, assignment, application, whether original, or reissue, or other papers which may be necessary or desirable fully to secure to Trimble, signs, the inventions described in said application and all patent rights therein, in the United buntry foreign thereto, and to cooperate and assist in the prosecution of interference said inventions and in the adjudication or reexamination of said Letters Patent provided the e incurred by me/us in lending such cooperation and assistance are paid by Trimble;
mortgage, license, or	with Trimble, its successors, assigns, and legal representatives that no assignment, grant, other agreement affecting the rights and property herein conveyed has been made to others d that full right to convey the same as herein expressed is possessed by the undersigned;
In witness whereof, I/v	e hereunto set my/our hand(s) and seal.
Inventor's Signature:	Meholeer Tallot Date: 9 April 2014
Witness(es):	No. A A S
	Ill Indial - O Air Day
Witness' Signature:	111-109(11) Date: 9 April 2014
Print or type name:	MAOTH ENGLISH
Home Address:	24 CRAGST, BLACUBURU STH UC, 3130 AUS

Page 1 of 1

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 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:
CONCURRENT DUAL PROCESSING OF PSEUDORANGES WITH CORRECTIONS
X 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
Serial No.: filed on 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: Aby Van Ysh his Date: 21 April 2014
Witness(es): Witness' Signature:

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rev: 20130703/jbm

REEL: 032814 FRAME: 0938

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:
CONCURRENT DUAL PROCESSING OF PSEUDORANGES WITH CORRECTIONS
X 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
Serial No.: filed on 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: Shawn Jamburga Date: 4/4/2014
Witness(es):
Witness' Signature: Date: 4/8/2014

Page 1 of 1

Print or type name:

Home Address:

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 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:	
CONCUI	REENT DUAL PROCESSING OF PSEUDORANGES WITH CORRECTIONS
X 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	
Serial No.: and described th which may be gra	filed on and the inventions set forth erein, and any and all Letters Patent of the United States and of countries foreign thereto anted 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:	James M. Jarly Date: 9 APRIL 2014
Witness(es):	
Witness' Signature:	ana Marie Garky Date: 4-4-2014
Print or type name: Home Address:	Anna Marie Janky 894 Lockhaven Dr. Los Altos, CA 94024-7031

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