# PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Richard Rudow	08/19/2013
Robert Wold	08/19/2013
Vankateswaran Kasirajan	07/18/2013
James M. Janky	07/18/2013

### **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:	13842447

## **CORRESPONDENCE DATA**

**Fax Number**: 8317222350

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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	
NAME OF SUBMITTER:	Brenda Dinapoli
Signature:	/Brenda Dinapoli/

PATENT REEL: 031038 FRAME: 0960 2H \$40 00 138

Date:	08/19/2013
Total Attachments: 4 source=TRMB-3172 Assignment#page1.tif source=TRMB-3172 Assignment#page2.tif source=TRMB-3172 Assignment#page3.tif source=TRMB-3172 Assignment#page4.tif	

PATENT REEL: 031038 FRAME: 0961

Attorney Docket No.: TRMB-3172
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:
OBTAINING PSEUDORANGE INFORMATION USING A CELLULAR DEVICE
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.: 13/842,447 filed on March 15, 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: 8 -/9-/3
Witness(es):
Witness' Signature: Date: 8/19/13
Print or type name: Robert Wold
Home Address: 2733 E. South Fork Ir, Phoenix, AZ 85048

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:
OBTAINING PSEUDORANGE INFORMATION USING A CELLULAR DEVICE
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.: 13/842,447 filed on March 15, 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: 8/19/13
Witness(es):  Witness' Signature:  Date: 6 - 19 - 13
Print or type name: Rich Rudow
Home Address: 2403 N. Keesha, Mesa, AZ 85207

**Assignment to Trimble Navigation Limited** 

PATENT REEL: 031038 FRAME: 0963

rev: 20130703/jbm

Attorney Docket No.: TRMB-3172

_		orney Docket No.: TRMB-3172
Assignment to 1	Frimble Navigation Limited	
In consideration of good	and valuable consideration, receipt of which is here	eby acknowledged, I/we
Venkate	eswaran Kasirajan	HARA (variatri) tributa (statum aras aras aras aras aras aras aras ara
Corporation having its successors and assigns	and transfer unto Trimble Navigation Limited (he principal place of business at 935 Stewart Drive, s, the entire right, title, and interest for the United d all improvements, including the right of priority in titled:	Sunnyvale, California 94085, and its States and all foreign countries, in the
OBTAINING	G PSEUDORANGE INFORMATION USING	G A CELLULAR DEVICE
filed herewith and t United States and	he inventions set forth and described therein, and a of countries foreign thereto which may be granted t	лу and all Letters Patent of the hereon or therefore; or
	2,447 filed on <u>March 15, 2013</u> rein, and any and all Letters Patent of the United S ted thereon or therefore;	and the inventions set forth  States and of countries foreign thereto
Further, I/we have agnotherwise limited by law practice during my/our e	eed to assign to Trimble, and do hereby assign r) which relate to Trimble business and which were employment by Trimble;	to Trimble, all inventions (except as e first conceived or actually reduced to
execute and deliver with continuation, divisional of its successors and assignates and in any couproceedings involving sa	sideration, I/we agree promptly upon request of tout further compensation any power of attorney, as or reissue, or other papers which may be necessary gns, the inventions described in said application and untry foreign thereto, and to cooperate and assaid inventions and in the adjudication or reexaminal incurred by me/us in lending such cooperation and	signment, application, whether original, or desirable fully to secure to Trimble, d all patent rights therein, in the United ist in the prosecution of interference tion of said Letters Patent provided the
mortgage, license, or oti	ith Trimble, its successors, assigns, and legal repr her agreement affecting the rights and property her that full right to convey the same as herein express	ein conveyed has been made to others
In witness whereof, I/we	hereunto set my/our hand(s) and seal.	•
Inventor's Signature:	grow	Date: 18-July-2013
Witness(es):		
Witness' Signature:		Date:
Print or type name:	пининги падалинги межене межен	•
Home Address:	200	

Page 1 of 1

PATENT REEL: 031038 FRAME: 0964

rev: 20130703/jbm

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:
OBTAINING PSEUDORANGE INFORMATION USING A CELLULAR DEVICE
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.: 13/842,447 filed on March 15, 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: James M. Janley Date: 18 JULY 2013
Witness(es):
Witness' Signature: ANNA MARIE JANKY  Date: 18 July 2013  Print or type name: ANNA MARIE JANKY
Print or type name: ANNA MARIE JANKY

Page 1 of 1 rev: 20130703/jbm

894 LOCKHAVEN DR. LOS ALTOS CA 94024

**PATENT** 

Attorney Docket No.: TRMB-3172

Home Address: