

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Richard Rudow</td> <td>08/19/2013</td> </tr> <tr> <td>Robert Wold</td> <td>08/19/2013</td> </tr> <tr> <td>Vankateswaran Kasirajan</td> <td>07/18/2013</td> </tr> <tr> <td>James M. Janky</td> <td>07/18/2013</td> </tr> </tbody> </table>		Name	Execution Date	Richard Rudow	08/19/2013	Robert Wold	08/19/2013	Vankateswaran Kasirajan	07/18/2013	James M. Janky	07/18/2013
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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											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13842447</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13842447						
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Application Number:	13842447										
CORRESPONDENCE DATA											
Fax Number:	8317222350										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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/										

Date:

08/19/2013

Total Attachments: 4

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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;

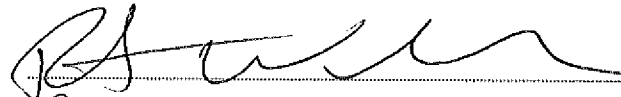
Further, I/we have agreed to assign to Trimble, and do hereby assign to Trimble, all inventions (except as otherwise limited by law) which relate to Trimble business and which were first conceived or actually reduced to practice during my/our employment by Trimble;

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: 8-19-13

Witness(es):
Witness' Signature:  Date: 8/19/13
Print or type name: Robert Wald
Home Address: 2733 E. South Fork dr, Phoenix, AZ 85048

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:

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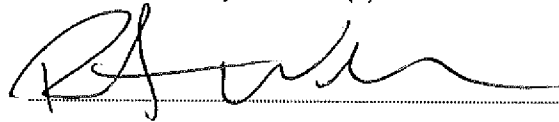
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I/we further covenant with Trimble, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and 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:



Date:

8/19/13

Witness(es):

Witness' Signature:



Date:

8-19-13

Print or type name:

Rich Rudow

Home Address:

2403 N. Keeshla, Mesa, AZ 85207

Assignment to Trimble Navigation Limited

In 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:

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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:  Date: 18-July-2013

Witness(es):

Witness' Signature: _____ Date: _____

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:

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

Inventor's Signature: James M. Janky Date: 18 JULY 2013

Witness(es):

Witness' Signature: Anna Marie Janky Date: 18 July 2013

Print or type name: ANNA MARIE JANKY

Home Address: 894 LOCKHAVEN DR. LOS ALTOS CA 94024