

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Alan Sharp</td> <td>12/20/2012</td> </tr> <tr> <td>Mark Nichols</td> <td>12/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Alan Sharp	12/20/2012	Mark Nichols	12/21/2012				
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Mark Nichols	12/21/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Trimble Navigation Limited</td> </tr> <tr> <td>Street Address:</td> <td>935 Stewart Drive</td> </tr> <tr> <td>City:</td> <td>Sunnyvale</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94085</td> </tr> </table>		Name:	Trimble Navigation Limited	Street Address:	935 Stewart Drive	City:	Sunnyvale	State/Country:	CALIFORNIA	Postal Code:	94085
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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>13668067</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13668067						
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CORRESPONDENCE DATA											
<p>Fax Number: 8317222350 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>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</p>											
ATTORNEY DOCKET NUMBER:	TRMB-3024										
NAME OF SUBMITTER:	Brenda Dinapoli										
<p>Total Attachments: 2 source=TRMB-3024 ASSN#page1.tif source=TRMB-3024 ASSN#page2.tif</p>											

CH \$40.00 13668067

Assignment to Trimble Navigation Limited

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we
Alan SHARP

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 and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

3D MAPPING OF A SURVEYED ENVIRONMENT

_____ 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.: 13/668,067 filed on November 2, 2012 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 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:

Alan Sharp

Date: 12/20/2012

Witnesses:

Witness' Signature:

T. McClannahan

Date: 12/20/2012

Print or type name:

TIM MCCLANNAHAN

Home Address:

1388 CARLSON AVE
ERIE CO BOSIL

Assignment to Trimble Navigation Limited

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

Mark NICHOLS

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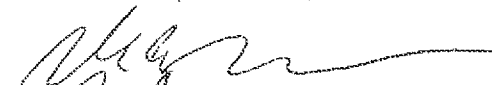
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Inventor's Signature:

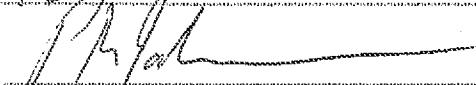


Date:

21st December 2012

Witnesses:

Witness' Signature:



Date:

21st December 2012

Print or type name:

PHILIP JACKSON

Home Address:

6 THE TERRACE, GERRARD'S BAY, CHRISTCHURCH, N.Z.