

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Bruce D. RITER</td> <td>12/12/2008</td> </tr> <tr> <td>James M. JANKY</td> <td>12/12/2008</td> </tr> <tr> <td>Nicholas A. TALBOT</td> <td>12/12/2008</td> </tr> <tr> <td>Ulrich VOLLATH</td> <td>12/12/2008</td> </tr> </tbody> </table>		Name	Execution Date	Bruce D. RITER	12/12/2008	James M. JANKY	12/12/2008	Nicholas A. TALBOT	12/12/2008	Ulrich VOLLATH	12/12/2008
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (831)722-2350</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 408-377-0500</p> <p>Email: bdinapoli@wagnerblecher.com</p> <p>Correspondent Name: Wagner Blecher LLP</p> <p>Address Line 1: 123 Westridge Drive</p> <p>Address Line 4: Watsonville, CALIFORNIA 95076</p>											
ATTORNEY DOCKET NUMBER:	TRMB-2136										
NAME OF SUBMITTER:	Brenda Dinapoli										
<p>Total Attachments: 4</p> <p>source=TRMB2136_ASSG#page1.tif</p>											

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**PATENT**  
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source=TRMB2136\_ASSG#page4.tif

**Assignment to Trimble Navigation Limited**

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

Bruce D. RITER

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:

**REFINING A POSITION ESTIMATE OF A LOW EARTH ORBITING SATELLITE**

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 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:

*BDR*

Date: 12 Dec 2008

Witnesses:

Witness' Signature:

*Ulrich Vollath*

Date: 12 Dec 2008

Print or type name:

ULRICH VOLLATH

Home Address:

FROETTMANINGER STRASSE 12, 85737 ISMANING, GERMANY

# 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 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:

James M. Janky

Date:

12 DEC 2008

Witnesses:

Witness' Signature:

Debbie Osgood

Date:

12/12/08

Print or type name:

Debbie Osgood

Home Address:

3144 Vesuvius LN SAN JOSE CA 95132

Attorney Docket No.: TRMB-2136

**Assignment to Trimble Navigation Limited**

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

Nicholas A. TALBOT

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:

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

Inventor's Signature:

Nicholas Talbot

Date:

Dec 12, 2008

Witnesses:

Witness' Signature:

Paul Stander

Date:

12/12/2008

Print or type name:

Paul Stander

Home Address:

32 Massey St., Box Hill South, Vic, Australia

# **Assignment to Trimble Navigation Limited**

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Ulrich VOLLATH

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Inventor's Signature:

Ulrich Vollath

Date: 12 Dec 2008

Witnesses:

Witness' Signature:

BOR

Date: 12 Dec 2008

Print or type name:

BRUCE RITER

Home Address:

101 FIRST ST #208 LOS ALTOS CA 94022