RI Proceeding and the state of the state of documents or the new address(es) below. 1. Name of conveying party(les)/Execution Date(s) 2. Name and address of receiving party(les) Dennis Connor Name: Trinble Navgation Limited Execution Date(s) May 25, 2005 & June 6, 2005 Additional name(s) of conveying party(les) attached? Name: Trinble Navgation Limited Stature of conveying party(les) attached? Street Address: Assignment City: Summoale State: California Courtry: USA Covernment Interest Assignment Courtry: USA Covernment Interest Assignment Courtry: USA Courtry: USA Zip: 94086 Asplication or patent number(s): X This document is being filed together with a new application. A Patent Application No.(s) B. Patent No.(s) Street Address: 435 Hermosa Way 6. Total number of applications and patents involved: Internal Address: 435 Hermosa Way 6. Total number of applications and patents involved Street Address:: 435 Hermosa Way 6. Total number of applications and patents involved: City: Medo Park Zip: 94025 Phone Number::: 50: 453:01:89 Fax Number:: 50: 453:01:89 Fax Number::: 50: 453:01:89 Signature <th>Form PTO-1595 (Rev. 09/04) OMB No. 0651-0027 (exp. 6/30/2005)</th> <th>U.S. DEPARTMENT OF COMMERCE nited States Patent and Trademark Office</th>	Form PTO-1595 (Rev. 09/04) OMB No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERCE nited States Patent and Trademark Office
To the Director of the U.S. Patent and Trademark Office: Please record the stached documents or the new address(a) balow. 1. Name of conveying party(ies)/Execution Date(s): 2. Name and address of receiving party(ies) David G. Bird Demins Connor Execution Date(s). May 25. 2005 & June 6, 2005 Name: Trable Navgation Lineted Additional name(s) of conveying party(ies) stached? [Yes [X] No Street Address:	^{RI} 10302	0938
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3. Nature of conveyance: City: Sunnyvale X Assignment City: Sunnyvale Government Interest Assignment Country: USA Cither Country: USA Additional name(s) & address(es) attached? Yes Application or patent number(s): X This document is being filed together with a new application. B. Patent Application No.(s) B. Patent No.(s) 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: 1 Name: David R. Glidea 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40 Internal Address: Marko Patent Agency LLC Authorized to be charged by credit card X Authorized to be charged by credit card Authorized to be charged to deposit account Street Address: 435 Hermosa Way 8. Payment Information a. Credit Card Last 4 Numbers Fax Number: 650-923-0189 5. Deposit Account Number 071248 Fax Number: 650-933-0189 Signature 9. Signature: David R. Glidea Total number of pages including cover Notoreed (ficiuding cover sheet) should be faxed to (703) 304-6386, or mailed to: Date Name of Person Signing Total number of pages including cover		Street Address: 645 North Mary Avenue
X Assignment Merger Security Agreement Change of Name Government Interest Assignment State: California Country: USA Zip: 94096 Additional name(s) & address(es) attached? Yes X No A Application or patent number(s): X This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) S. Name and address to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: Internal Address: Menio Patent Agency LLC Authorized to be charged to deposit account X Erect Address: 435 Hermosa Way X Unorized to be charged to deposit account State: California Zip: 94025 Phone Number: 650-832-0189 b. Deposit Account Number of 201248 Authorized User Name David R. Gildea authorized User Name David R. Gildea 9. Signature: Signature 6/R/2005 Name of Person Signing abeut States for mailed to be formate incomments and documents: Name of Person Signing abeut States for mailed to: Name of Person Signing abeut States for mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.0.Box 1480, Assandrik, V.A. 2213-1480		
Security Agreement Change of Name Government Interest Assignment Country: USA Zip: 94086 Additional name(s) & address(es) attached? Yes X No Application or patent number(s): Additional name(s) & address(es) attached? Yes X No A Application or patent number(s): Additional numbers attached? Yes X No S. Name and address to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: Name: David R. Gildea 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40 Internal Address: 435 Hermosa Way Xuthorized to be charged by credit card State: California Zip: 94025 Phone Number: 650-853-0189 B. Payment Information a. Credit Card Last 4 Numbers Expiration Date Phone Number: 650-853-0189 B. Deposit Account Number 071248 Phone Number: 650-853-0189 B. Deposit Account Number 071248 Phone Number: 650-853-0189 Signature David R. Gildea Total number of pages including cover abest should be faxed to (703) 306-4985, or malied to: Mail Stop Assignation Recordation Services, Director of the USPTO, P.0.80x 1460, Alexandrin, V.A. 2213-1460 Documents to be recorded (including cover abest) should be faxed to (703) 306-4985, or malied		
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□ Executive Order 9424, Confirmatory License □ Country: USA Zip: 94086 □ Other		State: <u>California</u>
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4. Application or patent number(s): X This document is being filed together with a new application. A. Patent Application No.(s) X This document is being filed together with a new application. B. Patent Application No.(s) B. Patent No.(s) A. Patent Application No.(s) B. Patent No.(s) A. Patent Application No.(s) B. Patent No.(s) A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes XNo 5. Name and address to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: Name: David R. Gildea 1. Total fee (37 CFR 1.21(h) & 3.41) \$_40 Internal Address: Menio Patent Agency LLC Authorized to be charged by credit card X Authorized to be charged by credit card X Authorized to be charged by credit card Street Address: <u>435 Hermosa Way</u> S. Payment Information a. Credit Card Last 4 Numbers State: <u>California</u> Zip: 94025 Phone Number: <u>650-853-0189</u> b. Deposit Account Number <u>071248</u> Fax Number: <u>650-853-0189</u> b. Deposit Account Number <u>071248</u> Fax Number: <u>650-853-0189</u> b. Deposit Account Number <u>071248</u> Fax Number: <u>650-853-0189</u> Date B		
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Street Address: 435 Hermosa Way Authorized to be charged to deposit account Street Address: 435 Hermosa Way Enclosed None required (government interest not affecting title) 8. Payment Information State: California Zip: 94025 Phone Number: 650-853-0189 a. Credit Card Last 4 Numbers Fax Number: 650-324-9111 b. Deposit Account Number 071248 Email Address: Authorized User Name David R. Gildea 9. Signature: Main of Person Signing David R. Gildea Total number of pages including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450 OF01 00000013 11147642	5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents
Street Address: 435 Hermosa Way Image: Enclosed City: Menlo Park Image: None required (government interest not affecting title) State: California Zip: 94025 Phone Number: 650-853-0189 Image: Expiration Date Fax Number: 650-353-0189 Image: Date Fax Number: 650-324-9111 Image: Date Email Address: Image: Date 9. Signature: Image: Date David R. Gildea Total number of pages including cover Name of Person Signing Total number of pages including cover Image: Documents to be recorded (including cover sheet) should be faxed to (703) 306-6595, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450 DOFO1 00000013 11147642	5. Name and address to whom correspondence concerning document should be mailed: Name: <u>David R. Gildea</u>	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41)
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State: California Zip: 94025 Phone Number: 650-853-0189 Fax Number: 650-324-9111 Email Address: b. Deposit Account Number 9. Signature: 0.0000013 David R. Gildea Total number of pages including cover Name of Person Signing sheet, attachments, and documents: 3 Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450 00F01 00000013	5. Name and address to whom correspondence concerning document should be mailed: Name: <u>David R. Gildea</u> Internal Address: <u>Menio Patent Agency LLC</u>	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed
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Fax Number: 650-324-9111 Email Address: Authorized User Name David R. Gildea 9. Signature: 6/8/2005 David R. Gildea 6/8/2005 Date Date David R. Gildea Total number of pages including cover 3 Name of Person Signing Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450 D0F01 00000013 11147645	5. Name and address to whom correspondence concerning document should be mailed: Name: David R. Gildea Internal Address: Menio Patent Agency LLC Street Address: 435 Hermosa Way City: Menio Park State: California	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card
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REEL: 016676 FRAME: 0906

Assignment to Trimble Navigation Limited

Docket No.: A1504

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we David G. Bird

do hereby sell, assign and transfer unto Trimble Navigation Limited (hereinafter called Trimble), a California Corporation having its principal place of business at 645 North Mary Avenue, Sunnyvale, California 94088, 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:

GPS Reference System Providing Synthetic Reference Phases For Controlling Accuracy of High Integrity Positions

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	David S- Bird Date: 25 May 05
Witnesses: Witness' Signature:	Tel Werthe Fing Date: 25 MAY 2005
Print or type name:	PAVID J. VANDEN BERG
Home Address:	2227 CANYON BLUD. #4808 BOULDER CO 80302
Witness' Signature:	Hund The Date: 25 MAY 05
Print or type name:	EDMOND 7. NORSE
Home Address:	1059 TANTRA, BOULDER, CO 80305

PATENT REEL: 016676 FRAME: 0907

Assignment to Trimble Navigation Limited

Docket No.: A1504

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

do hereby sell, assign and transfer unto Trimble Navigation Limited (hereinafter called Trimble), a California Corporation having its principal place of business at 645 North Mary Avenue, Sunnyvale, California 94088, 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:

GPS Reference System Providing Synthetic Reference Phases For Controlling Accuracy of High Integrity Positions

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	Detta	Date: 2005-06-06
Witnesses: Witness' Signature:	Susan M. Funde	Date: 6/6/05
Print or type name:	Susan M. Funk	
Home Address:	4519 Heppner Lana	SJ CA 95134
Witness' Signature:	June Jahan	Date: <u>C-6-05</u>
Print or type name:	Freue Lathan	
Home Address:	2150 Montruy Rd	1,10 Sau Jose 19-95112

PATENT REEL: 016676 FRAME: 0908

RECORDED: 06/08/2005