

03-23-2001

IN THE UNIT



MARK OFFICE

Docket No.: TRMB972

101646689

3.7.01

I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the U.S. Patent and Trademark Office, Assignment Branch, North Tower Building, Suite 10C35, Washington, D.C., 20231, on the below date of deposit.

Date of Deposit:	03/05/01	Name of Person Making the Deposit:	Julie Gibson	Signature of the Person Making the Deposit:	<i>Julie Gibson</i>
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The Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please record the attached original document(s) or copy(ies) thereof:

Transmittal of an Assignment

1. Name of conveying party(ies): John Ahearn, Arthur Lange and Scott Crozier

Serial No.: 09/733,862
Filed: 12/08/00

Group Art Unit:
Examiner:

2. Name and Address of Receiving party(ies): TRIMBLE NAVIGATION LIMITED
645 North Mary Avenue, Sunnyvale, CA 94088

3. Nature of Conveyance: Assignment
Execution Date: 02/22/01, 02/16/01 and 02/22/01

4. New Patent Application entitled: A NAVIGATIONAL OFF-LINE AND OFF-HEADING INDICATION SYSTEM AND METHOD

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: John F. Ryan
Address: Wagner, Murabito & Hao LLP
Two North Market Street, Third Floor, San Jose, CA 95113
Phone: (408) 938-9060

6. Total Number of applications and patents involved: ONE

7. Fee Calculation (for other than a small entity)

Assignment Recordation Fee, per property 1 X \$40.00 \$40.00
Total Fees (37 CFR 3.41)

X The amount of \$ 40.00 is enclosed

8. At any time during the pendency of this application, please charge any additional fees required or credit any overpayments to Deposit Account 23-0085. A duplicate copy of this transmittal is enclosed.

9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

03/23/2001 TDIAZ1 00000020 09733862
01 FQ:581 40.00 DP
Date: 03/05/01

John F. Ryan
Name John F. Ryan
Reg. No. 47,050

Docket No.: TRMB972

Assignment to Trimble Navigation Limited

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

John Ahearn

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:

A NAVIGATIONAL OFF-LINE AND OFF-HEADING INDICATION SYSTEM AND METHOD

..... 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.: 09/733,862 filed on 12/08/00 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: John Ahearn Date: 22 February 2001

Witnesses:

Witness' Signature: John Date: 22 Feb 2001

Print or type name: Greg Wallace

Home Address: 32A Cobra St, Christchurch, New Zealand

Witness' Signature: ST Corie Date: 22 Feb 01

Print or type name: ST Corie

Home Address: 7/18 Field TCE Riccarton, Christchurch, New Zealand

Assignment to Trimble Navigation Limited

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

Art Lange

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:

A NAVIGATIONAL OFF-LINE AND OFF-HEADING INDICATION SYSTEM AND METHOD

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.: 09/733,862 filed on 12/08/00 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: (Arthur F. Lange) Art Lange Date: x 2-16-2001

State of California
County of Santa Clara

Before me this 16th day of Feb. 2001 personally appeared
who is personally known or proved to me on the basis of satisfactory evidence to be the person
who acknowledged the foregoing instrument of assignment to be his or her free act and deed.



Mary F. Rothert
Notary Public

Docket No.: TRMB972

Assignment to Trimble Navigation Limited

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

A NAVIGATIONAL OFF-LINE AND OFF-HEADING INDICATION SYSTEM AND METHOD

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.: 09/733,862 filed on 12/08/00 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: Scott Crozier Date: 22 Feb 01

Witnesses:
Witness' Signature: John Ahearn Date: 22 February 2001

Print or type name: JOHN AHEARN
Home Address: 13A Hackthorne Rd, Christchurch, New Zealand.

Witness' Signature: Pete Sedcow Date: 22 February 2001

Print or type name: PETE SEDCOW
Home Address: 8 DONCASTER ST, CHRISTCHURCH, NEW ZEALAND