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SN. 09/124586

MPH
7-29-98

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
David G. Bird

2. Name and address of receiving party(ies)

Trimble Navigation Limited
645 North Mary Avenue, Sunnyvale, California 94086

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is _____.

A. Patent Application No.(s)

B. Patent No.(s)

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

David R. Gildea
435 Hermosa Way
Menlo Park, CA 94025

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 300604
(Attach duplicate of this page if paying by deposit account)

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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 agreement.

David R. Gildea
Name of Person Signing

David R. Gildea
Signature of Person Signing

July 29, 1998
Date

Total number of pages including cover sheet, attachments, and document: 2

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, David G. Bird of 5420 Tory Hill Drive, Greensboro, North Carolina 27410, hereafter referred to as "Assignor", has invented certain new and useful improvements as described and set forth in the below identified application for the United States Letter Patent:

Title of the invention: GPS SYNCHRONIZED DATA COMMUNICATIONS LINK;

docket no.: A716;

execution date: 7/24/98; and

WHEREAS, Trimble Navigation Limited of 645 North Mary Avenue, Sunnyvale, California 94086, hereinafter referred to as "Assignee", is desirous of acquiring an interest in the invention and application and in any Letters Patent which may be granted on the same;

FOR good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign all right, title and interest in and to the invention and application, all foreign counterparts (including patent, utility model and industrial designs), and all future improvements thereon, and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been and enjoyed by Assignor had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or any division, renewal, continuation, in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that he will, without charge to the Assignee, but at the Assignee's expense, (a) cooperate with Assignee in the prosecution of the U. S. patent application and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has hereunto signed his name this 24th day of July 1998.

David G. Bird
signature of David G. Bird

State of California
County of Santa Clara

Before me Mary F. Rother a Notary Public duly commissioned and sworn, personally appeared

David G. Bird
 personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature on the instrument the person(s) or the entity upon behalf of which the person(s) acted executed the document.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal in the California County of Santa Clara on the date set forth in this certificate.

Mary F. Rother
Notary Public

My commission expires:

Oct. 25, 2001



PATENT