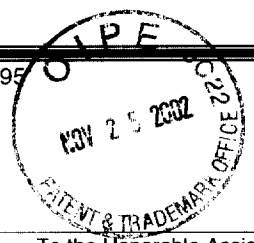


11/25/02

\$D

FORM PTO-1595



12-03-2002



102299954

Docket No.: PLNK-013

U.S. Department of Commerce
Patent and Trademark Office

HEET

To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof

1. Names of conveying party(ies)
SHERWOOD PARTNERS, INC.

2. Name and address of receiving party(ies)

Name: PULSE LINK, INC

Internal Address: _____

Additional names (s) of conveying party(ies) attached () yes () no

3. Nature of conveyance:

- (X) Assignment () Merger
- () Security Agreement () Change of Name
- () Other _____

Street Address: 9155 Brown Deer RD. #8

City: San Diego State: CA Zip: 92121

Execution Date: May 9, 2001

Additional names (s) & address(es) attached? () Yes () No

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

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

A. Patent Application No.(s)
09/599,968

B. Patent No.(s)
|

Additional numbers attached? () Yes (X) No

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

Name: Sierra Patent Group, Ltd.
Internal Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37CFR 3.41).....\$40.00
(X) Enclosed
() Authorized to be charged to deposit account

Address: P.O. Box 6149
City: Stateline State: NV Zip: 89449

8. Deposit account Number: 50-0612

(Attached duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

William P. Wilbar
Name of Person Signing

[Signature]
Signature

18 Nov 2002
Date

Total number of pages including cover sheet, attachments, and documents 5
Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner for Patents, Box Assignment, Washington, D.C. 20231

12/03/2002 LMUELLER 00000042 09599968
01 FC:8021 40.00 DP

ASSIGNMENT OF PATENTS

This Assignment granted on this 9th day of May, 2001, by SHERWOOD PARTNERS, INC., a California Corporation ("Assignor") to PULSE-LINK, INC., a Delaware corporation ("Assignee"), as follows:

WHEREAS, the Assignor wishes to assign all of its right, title and interest in and to certain U.S. patent registrations and patent applications (collectively, the "Patents") as more particularly set forth on Schedule A attached hereto to the Assignee and to assign all of Assignor's liens, claims and encumbrances respecting the Patents (collectively, the "Rights").

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, the Assignor hereby assigns transfers and delivers its entire right, title and interest, including all rights of action and damages for past infringement, in and to the Patents and the Rights, together with the registration of such of said Patents as are registered the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, licensees or other legal representatives.

IN WITNESS WHEREOF, the undersigned, by and through this Instrument to be executed on the date first written above.

SHERWOOD PARTNERS, INC.
a California Corporation
("Assignor")

By: _____

Title: _____

PULSE-LINK, INC.
a Delaware corporation
("Assignee")

By: _____

Title: _____

Label Firm

Sierra Patent Group, Ltd.

Your Ref # Interval Ref. #

Application Title

Serial #

Your Ref #	Interval Ref. #	Application Title	Serial #
1		Antenna Comprising Two Separate Widelband Notch Regions on One Coplanar Substrate	09/384,952
2		BASEBAND WIRELESS NETWORK FOR ISOSYNCHRONOUS COMMUNICATION	09/393,126
3		PULSE SHAPING FOR A BASEBAND WIRELESS TRANSMITTER	09/408,414
4		BASE BAND RECEIVER APPARATUS AND METHOD	09/433,520
5		MEDIUM ACCESS CONTROL PROTOCOL FOR CENTRALIZED WIRELESS NETWORK COMMUNICATION	09/393,121
6+		(PROVISIONAL)	60/165,360
7		FREQUENCY HOPPING FOR BASEBAND TRANSMITTERS	09/393,040
8		AN APPARATUS AND METHOD FOR MANAGING VARIABLE-SIZED DATA SLOTS WITHIN A TIME DIVISION	09/393,122
9		AN APPARATUS AND METHOD FOR MANAGING VARIABLE-SIZED DATA SLOTS WITH TIMESTAMP	09/480,887
10		WIRELESS TDMA SYSTEM AND METHOD FOR NETWORK COMMUNICATIONS	09/603,310
11		SYSTEM AND METHOD FOR OPTIMIZING NETWORK COMMUNICATIONS IN AN ULTRA WIDE BAND	09/509,973
12		ULTRA WIDE BAND TRANSMITTER	09/599,969
13		ULTRA WIDE BAND BASE BAND RECEIVER	09/599,968
14		ANTENNA COMPRISING TWO WIDEBAND NOTCH REGIONS ON ONE COPLANAR SUBSTRATE	09/692,906
16		ULTRA-WIDE BAND COMMUNICATION SYSTEM WITH AMPLITUDE MODULATION AND TIME	
16		Detecting an Ultra Wide Band Transmitter	
17		Link Adaptation and Receiver Calibration	
18		Peak Detector for Recovering Data	
18		Message Forwarding with Symmetric Encryption	
20		Maintaining Isosynchronous clocks in a wireless network	
21		Compensation for a Narrow Band Interferer	

Any PCT or foreign applications that fall under the US cases that are listed above, our file number will also be the reference for those cases.
 If you note any discrepancies in our information, please notify Jennifer Zibbes (650) 842-8195.

05/03/01 THU 18:18 FAX 6502308605

FANTASMA NETWORKS

003

Legal Firm

Your Ref #

Interval Ref. #

22

Quadrature Amplitude Modulation in a UWB system

Application Title

Serial #

PATENT

Any PCT or foreign applications that fall under the US cases that are listed above, our file number will also be the reference for those cases. If you note any discrepancies in our information, please notify Jennifer Zithes (650) 842-6195.