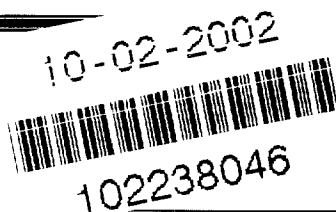


R SHEET



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: _____

Street Address: 9155 Brown Deer RD. #8City: San Diego State: CA Zip: 92121

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

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

3. Nature of conveyance:

(X) Assignment () Merger
() Security Agreement () Change of Name
() Other _____Execution Date: May 9, 2001

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)

09/393,122

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: _____

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

7. Total fee (37CFR 3.41).....\$40.00

(X) Enclosed

() Authorized to be charged to deposit account

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

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

10/02/2002 TDIAZ1 00000010 09393122

01 FC:581

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 PULSB-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: _____

Tide: _____

05/03/01 THU 18:16 FAX #502308606

PANTASMA NETWORKS

002

Legal Firm

Sierra Patent Group, Ltd.

Your Ref # Interval Ref. #

Application Title

Serial #

1	Antenna Comprising Two Separate Wideband Notch Regions on One Coplanar Substrate	09/394,952
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	09/599,973
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
15	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 Zirkas (650) 842-6185.

03/21/2002 13:17 FAX 310 477
03/18/2002 11:21 FAX

SHERWOOD PARTNERS INC
SULMEYER, KUPETZ, ETAL

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0007

05/03/01 THU 18:16 FAX 6502308605

FANTASMA NETWORKS

0003

Legal Firm

Your Ref #

Interval Ref. #

Application Title

Serial #

22

Quadrature Amplitude Modulation in a UWB system

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 Zirkos (650) 842-6195.

RECORDED: 09/30/2002

PATENT
REEL: 013331 FRAME: 0222