

11-19-2002

Form PTO-1595  
(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings ⇌ ⇌ ⇌ ▼

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

102285378

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

## 1. Name of conveying party(ies):

John H. Santhoff  
Henning F. Harmuth

11-8-02

## 2. Name and address of receiving party(ies)

Name: Pulse-Link, Inc.

Internal Address: \_\_\_\_\_

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: November 5, 2002

Street Address: 9155 Brown Deer Road, Suite 8

City: San Diego State: CA Zip: 92121

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

10,291,112

If this document is being filed together with a new application, the execution date of the application is: 11/5/02

A. Patent Application No.(s) \_\_\_\_\_

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

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

Name: Mitchell P. Brook, Esq.

Internal Address: \_\_\_\_\_

LUCE, FORWARD, HAMILTON &amp; SCRIPPS LLP

Street Address: 11988 El Camino Real, Suite 200

City: San Diego State: CA Zip: 92130

## 6. Total number of applications and patents involved: 1

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

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

## 8. Deposit account number:

50-2298

DO NOT USE THIS SPACE

## 9. Signature.

Mitchell P. Brook

Name of Person Signing

Signature

November 8, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 3

11/18/2002 LNUELLER 00000255 10291112

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

01 FC:0021

40.00 DP

PATENT  
REEL: 013490 FRAME: 011710/29/112  
11/08/02

**ASSIGNMENT**

In return for good and valuable consideration paid to the undersigned inventor(s) (hereafter called the "ASSIGNOR(s)"), by:

(Insert  
ASSIGNEE'S  
Name(s)  
Address(es))

Pulse-Link, Inc.

9155 Brown Deer Road, Suite 8

San Diego, California 92121

United States of America

(hereafter "ASSIGNEE(s)"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR(s) hereby sells, assigns and transfers to ASSIGNEE(s) the entire and exclusive right, title and interest to the invention entitled:

ULTRA-WIDEBAND ANTENNA ARRAY

(Title of  
Invention)

(\*If the  
assignment is  
being filed after  
the filing of the  
application, this  
section must be  
completed)

for which application for Letters Patent of the United States was executed on even date herewith unless indicated otherwise below

\*filed on \_\_\_\_\_ Serial No. \_\_\_\_\_

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR(s) agrees to execute all papers necessary in connection with the application and any continuation, divisional, substitute, reissue or reexamination applications thereof or corresponding foreign applications, and also to execute separate assignments in connection with such applications as the ASSIGNEES may deem necessary or expedient and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The ASSIGNOR(s) agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding, which may be declared concerning this application or any continuation, divisional, substitute, reissue or reexamination thereof, or corresponding foreign applications, and also to cooperate with the ASSIGNEES in every way possible in obtaining evidence and going forward with such interference, litigation, or other legal proceeding.

The ASSIGNOR(s) agrees to perform all affirmative acts that may be necessary to obtain a grant of valid United States or foreign patents to the Assignee.

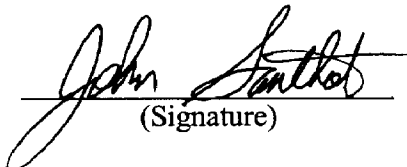
The ASSIGNOR(s) hereby authorizes and requests the Commissioner of Patents and the authorities of foreign country to issue any and all Letters Patents resulting from said application or any continuation, divisional, substitute, reissue or reexamination applications thereof, or foreign applications, to the said ASSIGNEE, as assignee of the entire interest, and hereby covenants that it has full right to convey the entire interest herein assigned, and that they have not executed and will not execute, any agreement in conflict herewith.

The ASSIGNOR(s) hereby agrees that this Assignment is binding on the heirs, assigns, representatives and successors of the ASSIGNOR(s) and extends to the successors, assigns and nominees of the ASSIGNEE.

The ASSIGNOR(s) hereby grants MITCHELL P. BROOK, Reg. No. 32,967; PETER K. HAHN, Reg. No. 34,833; DAVID E. HEISEY, Reg. No. 42,651; and PETER R. MARTINEZ, Reg. No. 42,845, all attorneys with the firm of Luce, Forward, Hamilton & Scripps LLP, which has an office address at 11988 El Camino Real, Suite 200, San Diego, California 92130, the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s)

(Signatures)

  
(Signature)

John H. Santhoff  
(Type Name)

5 Nov. 2002  
(Date)

  
(Signature)

Henning F. Harmuth  
(Type Name)

5 NOV 2002  
(Date)