

FORM PTO-1595

1-31-92

Attorney Docket No. APST-0009

09-18-1998



ET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To The Honorable Commissioner of Patents and Trademarks
thereof.

100830607

the attached original documents or copy

1. Name of conveying party(ies):

William E. Turner

Additional name(s) of conveying party(ies)
attached? () YES (X) NO

3. Nature of Conveyance:

(X) Assignment () Merger

() Security Agreement

() Change of Name

() Other:

Execution Date: July 13, 1998

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

Name:

APS Technology

Internal Address:

P.O. Box Q

Hellertown, Pennsylvania 18055

Street Address: Same as above

City

State

ZIP

Additional name(s) & address attached? () YES (X) NO

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

9.11.98

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

A. Patent Application No.(s)

09/115,031

B. Patent No.(s)

Additional numbers attached? () YES (X) NO

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

Name: Albert J. Marcellino

Internal Address: WOODCOCK WASHBURN KURTZ

MACKIEWICZ & NORRIS LLP

One Liberty Place - 46th Floor

Philadelphia, Pennsylvania 19103-7301

Street Address: WOODCOCK WASHBURN KURTZ

MACKIEWICZ & NORRIS LLP

One Liberty Place - 46th Floor

1650 Market Street

Philadelphia, Pennsylvania 19103-7301

6. Total number of applications and patents involved: 1

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

(X) Enclosed

() Authorized to be charged to deposit account

8. Please charge any deficiency or credit any
overpayment to Deposit Account Number 23-3050

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.

Albert J. Marcellino/Reg. No. 34,664

Name of Person Signing/Reg. No.

Signature

9-8-98

Date

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

Mail documents to be recorded with required cover sheet information to:

09/16/1998 TTOM11 00000312 09115031

01 FC:581

40.00 DP

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

PATENT
REEL: 9451 FRAME: 0068

DOCKET NO.: APST-9

(New Application)

ASSIGNMENT

WHEREAS, I, **WILLIAM E. TURNER**, herein after referred to as the assignor, residing at **2081 DENNIS LANE, BETHLEHEM, PA 18015**, am a joint inventor with **Denis P. Biglin, Jr. and Ronald Seppa** of certain inventions or improvements for which we have made application for Letters Patent of the United States, identified as Case No. **APST-9**, entitled **ELECTRICAL COUPLING FOR A MULTI SECTION CONDUIT SUCH AS A DRILL PIPE**; and

WHEREAS, **APS Technology**, hereinafter referred to as the assignee, of **P.O. Box Q, Hellertown, Pennsylvania 18055**, a corporation of **Pennsylvania**, is desirous of acquiring my entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to me in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said assignor, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to said assignee, my entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any re-issue or re-issues or extension or extensions of said Letters Patent, and assign to and authorize said assignee to file in my name applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

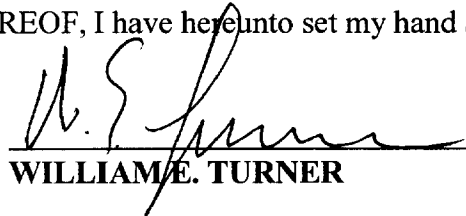
AND I hereby covenant that I have full right to convey my entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees or legal representatives, and I agree to communicate to said assignee, or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

PATENT
One Joint Inventor

AND I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents of applications as aforesaid, to issue to said assignee, as assignee of my entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

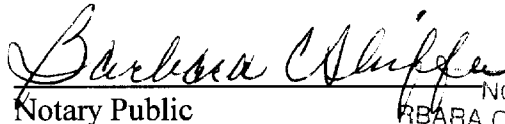
We further authorize and direct our attorneys to insert below* the serial number and filing date of said application now identified as Case No. APST-9 as soon as the same shall have been made known to them by the United States Patent Office.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

 (L.S.)
WILLIAM E. TURNER

PENNSYLVANIA :
: SS
COUNTY OF NORTHAMPTON

On this 13th day of JULY, 1998, before me personally came the above named WILLIAM E. TURNER, to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.


Notary Public

NOTARY SEAL
BARBARA C. SHIFFER, Notary Public
City of Bethlehem, Northampton County, Pa.
My Commission Expires Sept. 13, 1999

*The above assignment covers application Serial No. 09/115,031, filed on July 14, 1998.

The above insertion made by me this 8th day of September, 1998


of WOODCOCK WASHBURN KURTZ
MACKIEWICZ & NORRIS LLP