



101744886

To the Honorable Commissioner of Patents and Trademarks, attached original documents or copy thereof.

1. Name of conveying part(ies):

William L. Betts

6-401

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

2. Name and address of receiving party(ies)

Name: Paradyne Corporation

Street Address: 8545 126th Avenue, North
Largo, FL 33773

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

3. Nature of conveyance:

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

Execution Date: February 2, 2001

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)

09/777,213

Additional numbers attached? Yes No

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

Lawrence E. Thompson
Thomas, Kayden, Horstemeyer & Risley, L.L.P.
100 Galleria Parkway, Suite 1750
Atlanta, Georgia 30339-5948

6. Total number of applications/patents involved: [1]

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit Account Number:

16-0255
(Attach duplicate copy 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 document.

Lawrence E. Thompson

Typed Name

Signature

05/23/01

Date

Docket #: 061607-1490

Total number of pages including cover sheet, attachments, and document: [4]

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

**ASSIGNMENT
OF UTILITY PATENT APPLICATION**

WHEREAS, the following parties:

<u>Name</u>	<u>Address</u>
William L. Betts	2016 Montana Avenue, N.E. St. Petersburg, FL 33703

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements ("invention(s)") as described and set forth in the below-identified utility application for United States Letters Patent entitled:

INTERLEAVED GENERALIZED CONVOLUTIONAL ENCODER

which was:

- executed on even date herewith,
- filed with the United States Patent and Trademark Office (USPTO) on February 5, 2001, and assigned Serial No. 09/777,213, and
- further described in U.S. Provisional application entitled **4-Wire Modulation Within the physical media dependent Layer**, filed with the USPTO on February 11, 2000, and assigned Serial No. 60/181,907; U.S. Provisional application entitled **Space Diversity Trellis Interleaver**, filed with the USPTO on February 11, 2000, and assigned Serial No. 60/181,994; and U.S. Provisional application entitled **4-Wire Modulation Within the physical media dependent Layer**, filed with the USPTO on August 24, 2000, and assigned Serial No. 60/228,019.

Note: Only one of the first two checkboxes will be checked. The third checkbox will be checked, only if appropriate.

WHEREAS, Paradyne Corporation, having a place of business at 8545 126th Avenue, North, Largo, Florida 33773, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in and to said invention(s), said utility application, said provisional application, and any U.S. and foreign patents which are related to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), said utility application, and said Provisional application and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said inventions, including all corresponding provisional, continuation, continuation in part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said invention(s), said utility application, and said provisional application for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said Inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said Inventions, said utility application, or said provisional application and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR's behalf, the filing date and/or serial number above pertaining to the utility application and/or the provisional application, if not known as of the date of execution of this document.

William L. Betts
William L. Betts


Date: February 2, 2001

United States of America

State of Florida

County of Pinellas

On this 2 day of February, 2001, before me personally came **William L. Betts** to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.

Joyce Bernhardt
Notary Public
 Joyce Bernhardt
MY COMMISSION # CC663801 EXPIRES
October 18, 2001
BONDED THRU TROY FAIN INSURANCE, INC.

My Commission Expires (Date)