

06-27-2003

6.12.03



TRADEMARK OFFICE

102484453

APPLICANT: Charles C. Wang

DOCKET NO. D-471

17613 U.S. PTO
10/462987
06/17/03

FOR: M-Ary Phase Shift Keying (PSK) Bit-Boundary Turbo Coded System

Director of Patents and Trademarks
Washington, DC 20231
Attention: Assignment Branch

ASSIGNMENT COVER LETTER
ACCOMPANYING NEW PATENT APPLICATION

Dear Sir:

Please record the enclosed assignment.

1. IDENTITY OF PARTY MAKING TRANSFER

Charles C. Wang

2. IDENTITY OF PARTY TO WHOM TRANSFER IS MADE

Internal Address: The Aerospace Corporation
P.O. Box 92957
Los Angeles, CA 90009

Street Address: The Aerospace Corporation
2350 East El Segundo Boulevard
El Segundo, CA 90245

3. NATURE OF CONVEYANCE

Assignment

10462987

4. EXECUTION DATES

The enclosed assignment was executed on June 13, 2003.

The above-mentioned new application filed with the enclosed
assignment was executed on June 13, 2003.

06/26/2003 ECDOPER 00000131 010428 10462987
01 FC:8021 40.00 DA

5. APPLICATIONS AND PATENTS INVOLVED

The above-mentioned new application is the only application or patent involved.

6. FEE DUE (authorized to be charged to deposit account)

\$40.00

7. DEPOSIT ACCOUNT NUMBER (duplicate copy of this page is attached)

01-0428

8. ADDRESS TO RETURN ASSIGNMENT AFTER RECORDAL BY PTO

Ms. Carole A. Mulchinski
Office of the General Counsel
The Aerospace Corporation
P.O. Box 92957, M1/040
Los Angeles, CA 90009

9. SIGNATURE AND STATEMENT

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.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Derrick Michael Reid", is written over a horizontal line.

Derrick Michael Reid
Reg. No. 32,096

The Aerospace Corporation
P.O. Box 92957
Los Angeles, CA 90009
(310) 336-6708

For: U.S. Rights and Foreign Rights
For: U.S. Application
By: Inventor

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

Charles C. Wang
1125 S. Sierra Vista Avenue
Alhambra, CA 91801
Nationality: U.S

hereby sells, assigns and transfers to

ASSIGNEE:

The Aerospace Corporation
2350 East El Segundo Boulevard
M1/040
El Segundo, CA 90245
U.S.
State or Country of Formation: U.S.

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

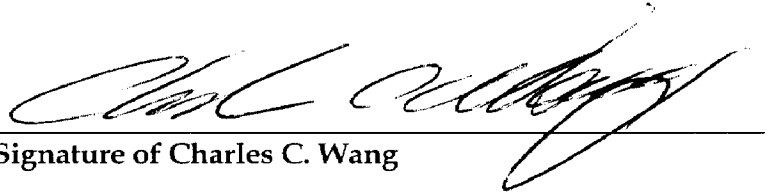
M-Ary Phase Shift Keying (PSK) Bit-Boundary Turbo Coded System

and which is found in (37 C.F.R. Section 3.21) U.S. patent application executed on even date herewith and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: 6-13-03


Signature of Charles C. Wang