

11-08-2004

1-31-92

Patent & Trademark Office

To the Honorable Commissioner of Patents and Trademark

documents or copy thereof.

102876979

1. Name of conveying party(ies):

William Robert PALMER

of receiving party(ies):

Name: Harris Corporation

Address: 1025 West NASA Blvd.

Melbourne, FL 32919

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: October 28, 2004

Additional name(s) and address(s) attached? () Yes (X) No

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: October 29, 2004

A. Patent application No.(s)

B. Patent No.(s)

Not Yet Assigned

Additional numbers attached? () Yes (X) No

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

Name: Christopher F. Regan, Esq.

Internal Address: Allen, Dyer,

Doppelt, Milbrath & Gilchrist, P.A.

Street Address: 255 S. Orange Ave.

P.O. Box 3791

City: Orlando

State: Florida Zip: 32802

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

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

[] Enclosed

[X] Authorized to be charged to deposit account.

8. Deposit Account Number:

08-0870

If any additional extension and/or fee is required, or, if any additional fee for claims is required.

11/05/2004 ECDOPER 00000014 080870 10977791

01 FC:8021

40.00 DA

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.

MICHAEL W. TAYLOR

Name of Person Signing

Michael W. Taylor

Signature

October 29, 2004

Date

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

GCSD-1621 (51413)

PATENT
REEL: 015951 FRAME: 0382

A S S I G N M E N T

WHEREAS, **William Robert PALMER** of Melbourne, Florida; hereinafter referred to as **ASSIGNOR**, has made certain improvements or inventions in **LIGHTER-THAN-AIR AIRCRAFT INCLUDING A CLOSED LOOP COMBUSTION GENERATING SYSTEM AND RELATED METHODS FOR POWERING THE SAME**, for which **ASSIGNOR** has executed an application for United States Letters Patent filed herewith, in the United States Patent and Trademark Office; and

WHEREAS, **HARRIS CORPORATION**, a Delaware corporation, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the same;

NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said **ASSIGNOR** does hereby sell, assign and transfer to said **ASSIGNEE**, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said **ASSIGNOR** does hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent applications or for the invention or inventions hereof, in accordance with this assignment.

And said **ASSIGNOR** for said consideration hereby covenants and agrees that said **ASSIGNOR** is the owner of the full title herein conveyed and have the right to convey the same, and

agree that said **ASSIGNOR** will communicate to said **ASSIGNEE** any facts known to said **ASSIGNOR** respecting said invention or inventions, and testify in any legal proceedings when called upon by said **ASSIGNEE**, sign all lawful papers deemed by said **ASSIGNEE** as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said **ASSIGNEE**, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the **ASSIGNEE'S** expense.

In Witness Whereof, I have hereunto set my hand and seal this 28th day of October, 2004.



William Robert PALMER

State of Florida :
County of Brevard : ss.

On this 28th day of October, 2004,

before me personally William Robert PALMER, ~~to me personally~~
~~known as the individual who executed the foregoing assignment,~~
and who acknowledged to me that he executed the same of his own
free will for the purposes therein set forth.

IL Nimer's License P456 936 59 202 0 exp 06/16/08

Sandra DePascale
Notary Public

My commission expires: 06/16/08

S E A L

 **Sandra DePascale**
Commission # DD329907
Expires June 16, 2008
Bonded Troy Fain - Insurance, Inc. 800-385-7019