

11-08-2005



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To the Director of the U.S. Pat.

103115273

Attached documents or the new address(es) below.

1. Name of conveying party(ies)

Marvin L. Ryken, Jr.  
Albert F. Davis

2. Name and address of receiving party(ies)

Name: Secretary of the Navy

Internal Address: Office of Naval Research,

Office of Counsel, Code 00CC

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) October 28, 2005

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other

Street Address: 875 North Randolph Street

City: Arlington

State: VA

Country: USA Zip: 22203-1995

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

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

Navy Case No. 97,264

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: OFFICE OF COUNSEL

Internal Address: NAWCWD, CODE K00000E

ATTN: D. KALMBAUGH

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6. Total number of applications and patents involved:

7. Total fee (37 CFR 1.21(h) & 3.41) \$

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 50-0931

Authorized User Name NAWCWD China Lake Pt Mugu

9. Signature:

*David Kalmbaugh*  
Signature

October 28, 2005  
Date

DAVID S. KALMBAUGH Reg. 29,234

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 2

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT  
REEL: 017180 FRAME: 0359

10-28-05

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Navy Case No. 97321

## ASSIGNMENT

WHEREAS, we, **Marvin L. Ryken, Jr.** of Oxnard, California, and **Albert F. Davis** of Ventura, California, while employed by the Government of the United States, have invented certain new and useful improvements in:

**TM MICROSTRIP ANTENNA WITH GPS FREQUENCY COVERAGE**

identified as Navy Case No. 97321, described in application for Letters Patent of the United States of America executed by us on October 28, 2005; and

WHEREAS, the Government of the United States, represented by the Secretary of the Navy and hereinafter referred to as the Government, is desirous of acquiring an assignment of the invention disclosed in said application and other rights and benefits herein granted; and

WHEREAS, the conditions under which the invention was made are such as to entitle the Government under Paragraph 1(a) of Executive Order 10096, to the entire right, title and interest therein, including foreign rights; and

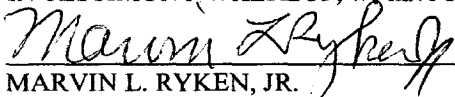
WHEREAS, as to foreign rights, it is the policy of the Government to obtain an option to exercise such rights;

NOW, THEREFORE, in consideration of the promises and other good and valuable consideration the receipt of which is hereby acknowledged, we hereby assign and transfer to the Government the entire right, title and interest in and to said invention within the United States of America, its territories and possessions, and the entire right, title and interest in and to said application and any continuation, division or substitution thereof, and such Letters Patent to be held by the Government to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment not been made.


We do hereby also grant unto the Government, the option to take the entire right, title and interest in the invention and all patent applications or other forms of protection thereon in all countries foreign to the United States in which the Government may file, or cause to be filed, applications for Letter Patent or other forms of protection, without payment of any consideration; provided, however that this grant of an option to take foreign rights in the invention, or applications or other forms of protection thereon, shall have force and effect only as to such applications filed in foreign countries within eight months of the filing date of any application for United States Letter Patent covering the invention, or within eight months from the declassification of the invention, whichever is later, and that all foreign rights exercised under the option are left to us subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on said invention in any foreign country, including the power to issue sublicenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

We hereby further agree to make, execute, and deliver to the Government, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the application and of any continuation, division or substitution of the application, or any application for reissue or extension of said Letters Patent, and to assist the Government in every way in protecting the invention as may be requested, provided that any expense arising through such efforts will be paid by the Government.

IN TESTIMONY WHEREOF, we have set our hand and affixed our seal.

  
MARVIN L. RYKEN, JR.

Date 10/28/2005

  
ALBERT F. DAVIS

Date 10/28/2005