

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Howard E. Rast	05/30/1999
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	United States of America as represented by the Secretary of the Navy
<b>Street Address:</b>	One Liberty Center, 875 North Randolph Street, Suite 1425
<b>Internal Address:</b>	Office of Naval Research
<b>City:</b>	Arlington
<b>State/Country:</b>	VIRGINIA
<b>Postal Code:</b>	22203-1995
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	6448941
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(619)553-3821
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	619-553-3001
<b>Email:</b>	sscsd_patents@navy.mil
<b>Correspondent Name:</b>	Office of Patent Counsel
<b>Address Line 1:</b>	53510 Silvergate Ave #103
<b>Address Line 2:</b>	SPAWARSYSCEN SAN DIEGO Code 20012
<b>Address Line 4:</b>	San Diego, CALIFORNIA 92152-5765
<b>ATTORNEY DOCKET NUMBER:</b>	79439
<b>NAME OF SUBMITTER:</b>	J. Eric Anderson
<b>Total Attachments: 1</b> source=079439_asn_Rast#page1.tif	

CH \$40.00 6448941

# ASSIGNMENT OF INVENTION

WHEREAS, I (we) Richard C. Adams and Howard E. Rast

of San Diego, CA and  
Solana Beach, CA respectively

while employed by the Government of the United States of America, hereinafter referred to as the Government, have made an invention entitled METHOD FOR SECURE COMMUNICATIONS USING SPIRAL ANTENNAS

identified as Navy Case No. 79439 and described in application for Letters Patent of the United States of America executed by me (us) on 30 MAY 1999; 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, the Government desires to obtain the entire right, title and interest in and to the invention disclosed in said application within the United States of America, its territories and possessions and other rights and benefits herein granted; and

WHEREAS, the Government desires an option to obtain the foreign rights in and to the invention;

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration the receipt of which is hereby acknowledged, I (we) hereby assign and transfer to the United States of America as represented by the Secretary of the Navy 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 as may issue therefrom and any reissue or extensions thereof, said invention, application and Letters Patent to be held by the United States of America as represented by the Secretary of the Navy 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 me (us) had this assignment not been made.

I (We) do hereby also grant to the Government, the option to take the entire right, title, and interest in and to the invention and all patent applications, patents and other forms of protection thereon in countries foreign to the United States of America within eight months of the filing date of any application for United States Letters Patent covering the invention; such option to be exercised by a written notification to me (us) within such eight months identifying the specific foreign countries in which the Government will file or cause to be filed an application for patent or other form of protection on the invention; and that the rights in the foreign countries not exercised under the option are left to me(us) subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on the invention in any foreign country, including the power to issue sub-licenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

I (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 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, I (we) have set my (our) hand(s) and affixed my (our) seal(s).

\_\_\_\_\_  
(date)  
May 30, 1999  
\_\_\_\_\_  
(date)  
\_\_\_\_\_  
(date)

Seal  
\_\_\_\_\_  
RICHARD C. ADAMS  
[Signature]  
\_\_\_\_\_  
Seal  
HOWARD E. RAST  
\_\_\_\_\_  
Seal