

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE				
CONVEYING PARTY DATA					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Raytheon Company</td> <td>08/01/2001</td> </tr> </tbody> </table>		Name	Execution Date	Raytheon Company	08/01/2001
Name	Execution Date				
Raytheon Company	08/01/2001				
RECEIVING PARTY DATA					
Name:	The Government of the United States of America as represented by the Secretary of the Navy				
Street Address:	1333 Isaac Hull Avenue SE				
City:	Washington				
State/Country:	DISTRICT OF COLUMBIA				
Postal Code:	20376-1150				
PROPERTY NUMBERS Total: 1					
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>09819204</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	09819204
Property Type	Number				
Application Number:	09819204				
CORRESPONDENCE DATA					
Fax Number:	2027814628				
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>					
Phone:	(202) 781-4120				
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NAME OF SUBMITTER:	Cassaunder Holt				
Total Attachments: 1 source=DOC000#page1.tif					

**Raytheon**

**CONFIRMATORY INSTRUMENT  
AND POWER TO INSPECT**

PD-99W221

Application Title: SUPER THIN, CAVITY FREE SPIRAL ANTENNA

Inventor(s): Mike Mehen; Gary Salvail; Mark Kusbel

Serial Number: 09/819,204

Prime Contract: N00024-95-C-5400

Filing Date: March 28, 2001

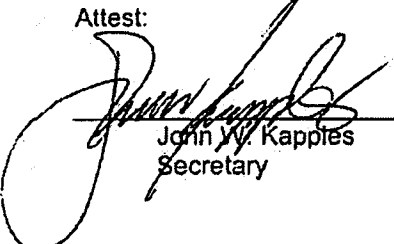
Contractor: RAYTHEON COMPANY

The invention identified above is a "Subject Invention" under Patent Rights clause FAR 52.227-12 dated June 1989, included in Contract No. N00024-95-C-5400, Department of the Navy, which clause does not include the communications satellite paragraph DAR 7-302.23(g). This document is confirmatory of the paid-up license granted to the Government under this contract in this invention, patent application and any resulting patent, and of all other rights acquired by the Government by the referenced clause.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

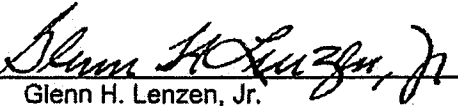
Signed this first day of August, 2001.

Attest:

  
\_\_\_\_\_  
John V. Kapples  
Secretary

(Seal)

RAYTHEON COMPANY

By   
\_\_\_\_\_  
Glenn H. Lenzen, Jr.  
Vice President  
Intellectual Property & Licensing

09-510 (5/94)

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RECORDED: 11/20/2012

**PATENT**  
REEL: 029339 FRAME: 0997