

Form PTO-1595 (Rev. 09/04)  
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

# **RECORDATION FORM COVER SHEET PATENTS ONLY**

Attorney Docket No. NGC-00107  
(35-0017)

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

## **1. Name of conveying party(ies)/Execution Date(s):**

Northrop Grumman Corporation,  
a Delaware corporation

Execution Date(s) \_\_\_\_\_

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

## **3. Nature of conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

## **2. Name and address of receiving party(ies)**

Name: Northrop Grumman Space & Missions Systems Corp.

Internal Address: \_\_\_\_\_

Street Address: 1840 Century Park East

City: Los Angeles

State: California

Country: United States Zip: 90067-2199

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)

09/641,654

B. Patent No.(s)

7,151,929 to be issued 12-19-06

Additional numbers attached? ☐ Yes ☒ No

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

Name: John A. Miller

Internal Address: Warn, Hoffmann, Miller & LaLone, P.C.

Street Address: P.O. Box 70098

City: Rochester Hills

State: MI Zip: 48307

Phone Number: (248) 364-4300

Fax Number: (248) 364-4285

Email Address: miller@warnhoffmann.com

## **6. Total number of applications and patents involved:**

1

## **7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☒ 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 8739  
Expiration Date 1/2007

b. Deposit Account Number \_\_\_\_\_

Authorized User Name John A. Miller

## **9. Signature:**

Signature

12-13-06

Date

John A. Miller - Reg. No. 34885

Name of Person Signing

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

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

OP \$40.00 7151929

700301750

**PATENT**  
**REEL: 018635 FRAME: 0873**

Attorney Docket No. NGC-00107 (35-0017)

**ASSIGNMENT**

WHEREAS, the undersigned, Northrop Grumman Corporation, a Delaware corporation, having its principal place of business at 1840 Century Park East, Los Angeles, California 90067-2199, hereinafter referred to as Assignor, is the sole owner, as identified in the Assignment recorded on February 12, 2003 at Reel 013751/Frame 0849 for:

**SATELLITE PAYLOAD DATA COMMUNICATIONS AND PROCESSING TECHNIQUES**

for which Assignor has made United States application for patent, under Serial No. 09/641,654, with a filing date of August 18, 2000; and

WHEREAS, Northrop Grumman Space & Missions Systems Corp., an Ohio corporation, having its principal place of business at 1840 Century Park East, Los Angeles, California 90067-2199, hereinafter referred to as Assignee, is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee, its successors in interest, the full and exclusive right in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States and the Paris Convention, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefore to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made; and Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of applications for patent in the United States and in all foreign countries, including but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, reexamination, or extension thereof, and for litigation regarding, or for the purpose of protecting title to the said invention, the United States application for patent, or Letters Patent therefor for the benefit of Assignee without further or other compensation than that above set forth; and Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent to Assignee.

Dated: December 4, 2006

ASSIGNOR:

NORTHROP GRUMMAN CORPORATION

By:

  
\_\_\_\_\_  
John H. Mullan,  
Corporate Vice President and Secretary

Attorney Docket No. NGC-00107 (35-0017)

ASSIGNEE:

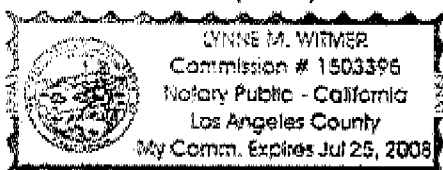
NORTHROP GRUMMAN SPACE & MISSION  
SYSTEMS CORP.

By:

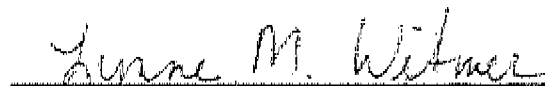
Kathleen M. Salmas,  
SecretarySTATE OF CALIFORNIA     )  
  ) ss  
COUNTY OF LOS ANGELES)

On December 4<sup>th</sup>, 2006 before me, Lynne M. Witmer, Notary Public, personally appeared John H. Mullan, personally known to me \_\_\_\_ or – proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to this instrument and acknowledge to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument to be the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

(Seal)

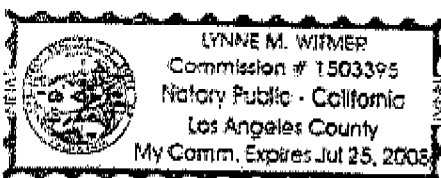


WITNESS my hand and official seal

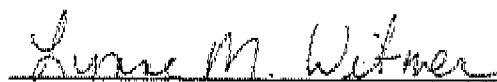
  
Notary's SignatureSTATE OF CALIFORNIA     )  
  ) ss  
COUNTY OF LOS ANGELES)

On December 4<sup>th</sup>, 2006 before me, Lynne M. Witmer, Notary Public, personally appeared Kathleen M. Salmas, personally known to me \_\_\_\_ or – proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to this instrument and acknowledge to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument to be the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

(Seal)



WITNESS my hand and official seal

  
Notary's Signature