

Form PTO-1595 (Rev. 03-09)

OMB No. 0651-0027 (exp. 03/31/2009)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office**RECORDATION FORM COVER SHEET
PATENTS ONLY**

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)

Northrop Grumman Space & Mission Systems Corp.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) 12/11/2009

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

2. Name and address of receiving party(ies)Name: Northrop Grumman Systems Corporation

Internal Address: _____

Street Address: 1840 Century Park EastCity: Los AngelesState: CaliforniaCountry: USAZip 90067-2199Additional 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)

B. Patent No.(s)

SEE ATTACHED

Additional numbers attached? ☒ Yes ☐ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Christopher P. HarrisInternal Address: Tarolli, Sundheim, Covell & Tummino LLPStreet Address: 1300 East Ninth Street, Suite 1700City: ClevelandState: OH Zip: 44114Phone Number: 216.621.2234 Ext. 104Fax Number: 216.621.4072Email Address: charris@tarolli.com**6. Total number of applications and patents involved: 13****7. Total fee (37 CFR 1.21(h) & 3.41) \$520.00**

- ☒ Authorized to be charged to deposit account
- ☒ Enclosed
- ☐ None required (government interest not affecting title)

8. Payment InformationDeposit Account Number 20-0090Authorized User Name Christopher P. Harris**9. Signature:**/Christopher P Harris/ C.A
Signature

15 October 2010

Date

Christopher P. Harris
Name of Person SigningTotal number of pages including cover
sheet, attachments, and documents: 7Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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PATENT
REEL: 025137 FRAME: 0960

CH \$520.00 20090 10100203

Applications:

10100203

Patents:

5079555

5202776

5384573

5623360

6608721

6735346

7062174

7130292

7509048

7720226

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7768709

State of Delaware
Secretary of State
Division of Corporations
Delivered 07:41 PM 12/14/2009
FILED 07:44 PM 12/14/2009
SRV 091098747 - 2056806 FILE

CERTIFICATE OF MERGER

MERGING

NORTHROP GRUMMAN SPACE & MISSION SYSTEMS CORP.

INTO

NORTHROP GRUMMAN SYSTEMS CORPORATION

Pursuant to Section 252(c) of the Delaware General Corporation Law, the undersigned corporation does hereby certify:

FIRST: The name and state of incorporation of each of the constituent corporations in the merger are as follows:

<u>Name</u>	<u>State of Domicile</u>
Northrop Grumman Space & Mission Systems Corp.	Ohio
Northrop Grumman Systems Corporation	Delaware

SECOND: An Agreement and Plan of Merger among the parties to the merger has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations in accordance with the requirements of Section 252(c) of the Delaware General Corporation Law.

THIRD: The name of the surviving corporation is Northrop Grumman Systems Corporation.

FOURTH: The certificate of incorporation of Northrop Grumman Systems Corporation shall be the certificate of incorporation of the surviving corporation.

FIFTH: The executed Agreement and Plan of Merger is on file at the principal place of business of Northrop Grumman Systems Corporation, the address of which is c/o Northrop Grumman Corporation, 1840 Century Park East, Los Angeles, California 90067.

SIXTH: A copy of the Agreement and Plan of Merger will be furnished by the surviving corporation, on request and without cost, to any stockholder of any constituent corporation.

SEVENTH: The authorized capital stock of Northrop Grumman Space & Mission Systems Corp. currently consists of 1,000 shares of common stock, with a par value of \$.001 per share.

EIGHTH: This Certificate of Merger, and the merger referenced herein, shall be effective on December 31, 2009 at 11:59 p.m. (local time in Wilmington, Delaware).

IN WITNESS WHEREOF, the undersigned has caused this Certificate of Merger to be executed by its duly authorized officer this 11th day of December, 2009.

NORTHROP GRUMMAN SYSTEMS CORPORATION

By: Kathleen M. Salmas
Kathleen M. Salmas
Secretary

Delaware

PAGE 1

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"NORTHROP GRUMMAN SPACE & MISSION SYSTEMS CORP.", AN OHIO CORPORATION,

WITH AND INTO "NORTHROP GRUMMAN SYSTEMS CORPORATION" UNDER THE NAME OF "NORTHROP GRUMMAN SYSTEMS CORPORATION", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE FOURTEENTH DAY OF DECEMBER, A.D. 2009, AT 7:44 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2009, AT 11:59 O'CLOCK P.M.

2056806 8100M

100738922

You may verify this certificate online
at corp.delaware.gov/authver.shtml




Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 8110638

DATE: 07-13-10

PATENT
REEL: 025137 FRAME: 0964

State of Delaware
 Secretary of State
 Division of Corporations
 Delivered 07:41 PM 12/14/2009
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NORTHROP GRUMMAN SYSTEMS CORPORATION

By: Kathleen M. Salmas
Kathleen M. Salmas
Secretary

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