

12/11/2007

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Paul Bryan Westra Scott Walter Collins
Rozanne Marie Sato
Douglas Ellwood Shultz
James Franklin Kerswell
Perry Bruce Petersen

12-11-07

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: _____

2. Name and address of receiving party(ies):

Name: NORTHROP GURMMAN CORPORATION

Internal Address: _____

Street Address: 1840 CENTURY PARK EASTCity: LOS ANGELES State: CA ZIP: 90067Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

Filing Date

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: LOUIS L. DACHS

Internal Address: _____

2/13/2007 HASEAW1 00000009 12001218

4 FC:8021

40.00 OP

Street Address: 1794 PALISADES DRIVECity: PACIFIC PALISADES State: CA ZIP: 902726. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41):.....\$ 40.00☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

8. Deposit account number: _____

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

LOUIS L. DACHS

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 5Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services

PATENT

REEL: 020283 FRAME: 0284

ASSIGNMENT

WHEREAS, we Scott Walter Collins, Bryan Wayne Westra, Roxanne Marie Sato, Douglas Ellwood Shultz, James Franklin Kerswell and Perry Bruce Petersen, hereafter referred to as Assignors, together have jointly invented a Flying Wing Aircraft.

WHEREAS, Northrop Grumman Systems Corporation., a Delaware Corporation, having its principal place of business at 1840 Century Park East, Los Angeles, CA 90067, hereinafter referred to as Assignee, is desirous of acquiring the entire right, title and interest in, to and under said improvements and said application:

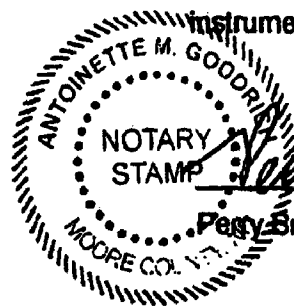
NOW, THEREFORE, in consideration of Assignors obligations to Northrop Grumman Systems Corporation., a Delaware Corporation, and for other good and valuable consideration, the receipt and sufficiency is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in, to and under said improvements, and said application and all divisions, renewals, continuations, and continuations-in-part thereof, and all United States Letters patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, including the full right to claim for any such application the priority benefits of the International Convention for the Protection of Industrial Property and other priority-conferring treaties, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, divisions, continuations, continuations-in-part, renewals and reissues thereof; and Assignors hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

Assignors hereby acknowledges that at the time of making the improvements herein identified, Assignor was under an obligation to assign to Assignee, Assignor's entire right, title and interest in, to and under said improvements;

Assignors hereby covenants that Assignor has full right to convey the interest herein assigned, and that Assignor has not executed, and will not execute, any agreement in conflict herewith and that Assignee, Northrop Grumman Systems Corporation., a Delaware Corporation, its successors, assigns and other legal representatives shall have the right to hold and enjoy for its and their own use and benefit, to the end of the term or terms for which such Letters Patent shall or may be granted, reissued or extended as fully and completely as the same right or could have been held and enjoyed by Assignor had this Assignment not been made.

Assignors hereby further covenants and agrees to communicate to Assignee, its successors, legal representatives and assigns, any and all facts known to Assignor respecting said improvements; to promptly provide Assignor with all documents relating to said improvements, said invention, and said Letters Patent as may be known or accessible to Assignors; to testify as to the same in any interference or litigation or other legal proceedings related thereto; to sign all lawful papers, execute all extensions, continuations, continuations-in-part, divisional and reissue applications; and to make all rightful oaths or declarations and generally do everything possible to aid Assignee, its successors, legal representatives and assigns in obtaining and enforcing all the rights herein conveyed for said improvements in all countries without further compensation, but at the expense of Assignee, its successors, legal representatives and assigns.

IN WITNESS WHEREOF, the undersigned has executed and delivered this instrument this 16th day of October, 2007 Assignor Signatures:




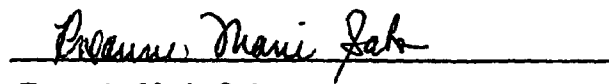
Perry Bruce Petersen
Perry Bruce Petersen

Antonette M. Goodrich
NOTARY PUBLIC EXP 4-17-10

IN WITNESS WHEREOF, the undersigned has executed and delivered this instrument this 28 day of November, 2007 Assignor Signatures:

Scott Walter Collins
Scott Walter Collins,


Bryan Wayne Westra,


Roxanne Marie Sato,


Douglas Ellwood Shultz,


James Franklin Kerswell

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Los Angeles

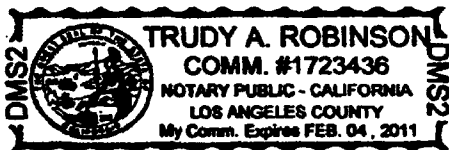
On November 28, 2007 before me, Trudy A. Robinson, Notary Public
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Roxanne Marie Sato, Scott Walter Collins, James Franklin Kerswell,
Name(s) of Signer(s)
Bryan Wayne Westra & Douglas Ellwood Shultz

☐ 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 the within instrument and acknowledged 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 the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Place Notary Seal Above

Trudy A. Robinson
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- ☐ Individual
☒ Corporate Officer -- Title(s): _____
☐ Partner -- ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer -- Title(s): _____
☐ Partner -- ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

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PATENT

RECORDED: 12/11/2007

REEL: 020283 FRAME: 0288