

05-21-1999

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## ON FORM COVER SHEET

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10525 U.S. PTO  
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1. Name of conveying party(ies):  Walter Dennis Clark  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies):  Name: Northrop Grumman  Address: 1840 Century Park East  City: Los Angeles State: CA ZIP Code: 90067-2199  Country: U.S.A.  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of Conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:  Execution Date: 4/22/99		4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: <u>4/22/99</u> A. Patent Application No.(s): B. Patent No.(s):  <div style="text-align: right; font-size: 1.5em;">09305538</div> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Terry J. Anderson, Esq. Address: Northrop Grumman Corporation 2301 W. 120 th Street P.O. Box 5032 M.S. 60/110/N1-30  City: Hawthorne  State: CA ZIP Code: 90250-5032		6. Total number of applications and/or patents involved: ..... 1  7. Total fee (37 CFR 3.41): .....\$40.00  <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Charge deposit account  <input checked="" type="checkbox"/> Please charge any fee deficiency to deposit account  8. Deposit account number: <u>14-1325</u>	
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9. Statement And Signature:  <i>To the best of my knowledge and belief, the foregoing information is true and correct and, the attached document is either an original document or a true copy of the original document.</i>  Albert W. Hilburger 20,987 <u>Albert W. Hilburger</u> 5/5/99 Name of Person Signing      Signature      Date  Total number of pages including cover sheet(s): 5 Page 1 of 1.			

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For: ☒ U.S. Application or  
☐ U.S. Provisional Application  
For: ☒ U.S. Patent  
For: ☐ PCT Application  
By: ☒ Inventor(s) or ☐ Present Owner

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR:**

Inventor(s) or person(s) or  
entity(ies) who own the  
invention

Walter Dennis Clark  
(type or print name(s) of ASSIGNOR(S))

824 Valley View  
Address

Fullerton, CA 92835

USA  
Nationality

*(if assignment is by person or entity to whom invention was previously assigned  
and this was recorded in PTO, add the following)*

Recorded on \_\_\_\_\_ Reel \_\_\_\_\_  
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hereby sells, assigns and transfers to

**ASSIGNEE:**

Northrop Grumman  
(type or print name(s) of ASSIGNEE(S))

90/110/CC

1840 Century Park East

Address

Los Angeles, CA 90067-2199

USA  
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest

☐ an undivided \_\_\_\_\_ percent (\_\_\_\_\_% ) interest

for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled:

AUGMENTED WING TIP DRAG FLAP

Name of inventor(s) Walter Dennis Clark

(check and complete (a), (b), (c), (d), (e), (f), or (g))

and which is found in

(a) ☒ U.S. patent application executed on even date herewith

(b) ☐ U.S. patent application executed on \_\_\_\_\_

(c) ☐ U.S. provisional application naming the above inventor(s) for the above-entitled invention.

☐ Express mail label no.: \_\_\_\_\_

Mailed: \_\_\_\_\_

☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.

(d) ☐ U.S. application no. \_\_\_\_\_ / \_\_\_\_\_  
filed on \_\_\_\_\_

(e) ☐ International application no. PCT/ \_\_\_\_\_ / \_\_\_\_\_

(f) ☐ U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

(Assignment of Invention [16-3]—page 2 of 3)

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this 22nd day of April  
Date of signing

**WARNING:** The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Date:

Walter Dennis Clark

Signature of ASSIGNOR(S)

Date: 22 Apr: 1999

Walter Dennis Clark

Date:

Date:

*(if ASSIGNOR is a legal entity, complete the following information)*

(type or print the name of the above person  
authorized to sign on behalf of ASSIGNOR)

Title

**NOTE:** No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

☒ Notarization or Legalization Page Added.

(Assignment of Invention [16-3]—page 3 of 3)

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

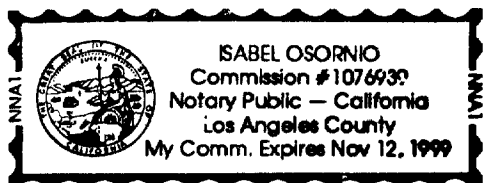
State of California

County of Los Angeles

On 4-22-99 before me, Isabel Osornio, Notary Public,  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Walter Dennis Clark,  
Name(s) of Signer(s)

☒ personally known to me – **OR** – ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ~~(s)~~ 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.

Isabel Osornio  
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: Assignment

Document Date: 4-22-99 Number of Pages: 3

Signer(s) Other Than Named Above: None

### Capacity(ies) Claimed by Signer(s)

Signer's Name: Walter Dennis Clark

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

**RIGHT THUMBPRINT  
OF SIGNER**  
 Top of thumb here

Signer Is Representing:

Signer's Name: \_\_\_\_\_

- ☐ Individual  
☐ Corporate Officer  
 Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney-in-Fact  
☐ Trustee  
☐ Guardian or Conservator  
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**RIGHT THUMBPRINT  
OF SIGNER**  
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Signer Is Representing: