

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

CORRECTIVE ASSIGNMENT

NATURE OF CONVEYANCE:

Corrective Assignment to correct the Complete Owner Name previously recorded on Reel 12058 Frame 0378. Assignor(s) hereby confirms the Lockheed Martin Corporation 1011 Lockheed Way Palmdale, CA 93599-2191.

CONVEYING PARTY DATA

Name	Execution Date
Lockheed Martin Corporation	07/25/2001

RECEIVING PARTY DATA

Name:	Lockheed Martin Corporation
Street Address:	6801 Rockledge Drive
Internal Address:	MS 236
City:	Bethesda
State/Country:	MARYLAND
Postal Code:	20817

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	6649096

CORRESPONDENCE DATA

Fax Number: (301)897-6606
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Email: Patrick.M.Hogan@lmco.com
Correspondent Name: Patrick M. Hogan
Address Line 1: 6801 Rockledge Drive
Address Line 2: MS 236
Address Line 4: Bethesda, MARYLAND 20817

NAME OF SUBMITTER:

Patrick M. Hogan

Total Attachments: 7

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PATENT

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(Ref. 71 - 8/97 Pub.605)

FORM 4-2.3

4-65

17-30-01

10-12-2001



101861134

Docket No. SW-00768

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

U.S. PTO
09/17/00
07/26/01

COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING
NEW PATENT APPLICATION (37 CFR 3.31)

IDENTIFICATION OF APPLICATION
(37 CFR 3.21 and 37 CFR 3.31(a)(4))

1. The ☒ patent application ☐ provisional patent application filed herewith and, to which the attached assignment (document refers, is identified as follows:

a. Type of application

- ☒ Application of patent (37 CFR 1.51(a)(1))
☐ Provisional application (37 CFR 1.51(a)(2))
☐ International application (37 CFR 1.431)

b. Date of execution 7/25/01

NOTE: Leave this blank if assignment is for a provisional application.

c. Name of each inventor:

John D. Webster

09/17/00 07/26/01

CERTIFICATION UNDER 37 CFR 1.10*
(Express Mail label number is mandatory.)
(Express Mail certification is optional.)

I hereby certify that this "Cover Sheet For Assignment (Document) Accompanying New Patent Application," along with any document referred to, is being deposited with the United States Postal Service on this date ____, in an envelope as "Express Mail Post Office to Addressee," Mailing Label Number ____, addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Robert A. Schuhl
(type or print name of person mailing paper)

(Signature of person mailing paper)

WARNING: Certificate of mailing (first class) or facsimile transmission procedures of 37 CFR 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

***WARNING:** Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing.
37 CFR 1.10(b).

"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirements will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

10/10/2001 BTOM11 00000052 121815 09917850

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(Cover Sheet For Assignment Accompanying New Patent Application [4-2.3] - page 1 of 4)

PATENT
REEL: 012058 FRAME: 0378

PATENT
REEL: 015438 FRAME: 0924

NAM. PARTY(IES) CONVEYNG INTEREST (37 CFR 3.31(a)(1))

The party(ies) conveying this interest is (are):

Name John D. Webster

**NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST
(37 CFR 3.31(a)(2))**

3. The rights are being conveyed to:

Name: Lockheed Martin Corporation

Address: 1011 Lockheed Way

Palmdale, CA

93599-2191

Telephone No.: (805) 572-3063

**DESCRIPTION OF INTEREST CONVEYED OR
TRANSACTION RECORDED (37 CFR 3.31(a)(3))**

4. The accompanying document intends to accomplish:

- ☒ an assignment.
- ☐ a security agreement.
- ☐ a license.
- ☐ a merger.
- ☐ a change of name.
- ☐ a change of address.
- ☐ other.

**NAME AND ADDRESS OF PARTY TO WHOM CORRESPONDENCE
SHOULD BE MAILED (37 CFR 3.31(a)(5))**

5. Please address correspondence to:

Name: Robert A. Schuhl

Address: 1011 Lockheed Way

Palmdale, CA

93599-2191

Telephone No.: (805) 572-3063

(Cover Sheet For Assignment Accompanying New Patent Application [4-2.3] - page 2 of 4)

**PATENT
REEL: 012058 FRAME: 0379**

**PATENT
REEL: 015438 FRAME: 0925**

DATE ASSIGNMENT (DOCUMENT) EXECUTED (37 CFR 3.31(a)(7))

6. The attached assignment (document) was executed on: 7/25/01

LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED

NOTE: "The Office will accept and record non-English language documents only if accompanied by a verified English translation signed by the individual making the translation." 37 CFR 3.26.

- ☒ is in the English language.
☐ is not in the English language. A verified English translation signed by the individual making the translation is attached.

ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED

NOTE: "Either the original document or a true copy of the original document may be submitted for recording. Only one side of each page shall be used. The paper used should be flexible, strong, white, non-shiny, durable, and preferably no larger than 21.6 x 33.1 cm. (8-1/2 x 14 inches) with a 2.5 cm. (one-inch) margin on all sides." 37 CFR 3.24.

7. Submittal herewith is:

☒ the original document.
a true copy of the original document.

NOTE: "If the original (assignment) document is two-sided or the wrong size, the practitioner can comply with the requirement [set out in 37 CFR § 3.24] by providing a true copy of the original document using only one side of each page on the correct size paper." Notice of June 24, 1992, 1140 O.G. 63-76, at 67.

NUMBER OF APPLICATIONS IDENTIFIED IN THIS COVER SHEET
AND THE FEE (37 CFR 3.31 (a)(6))

8. A. This cover sheet identifies only one application:
B. The fee for recordal (37 CFR 1.21(h)) is \$40.00.
☐ Attached is a check for \$40.00.
☒ Please charge Account 12-1815 \$40.00.
A duplicate of this cover sheet is attached.

(Cover Sheet For Assignment Accompanying New Patent Application [4-2.3] - page 3 of 4)

PATENT
REEL: 012058 FRAME: 0380

PATENT
REEL: 015438 FRAME: 0926

**STATEMENT (37 CFR 3.31(a)(9))
AND SIGNATURE (37 CFR 3.31(a)(10))**

9. 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.

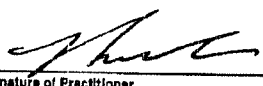
7/25/01
Date

Name of party submitting document

Signature of party submitting document

(complete the following, if the party submitting the document is applicant's attorney)

Reg. No. 34,925



Signature of Practitioner

Tel. No. (805) 572-3063

Robert A. Schruhl

(type or print name of practitioner)

Customer No.

1011 Lockheed Way

P.O. Address

Palmdale CA 93599-2191

TOTAL NUMBER OF PAGES BEING SUBMITTED

10. The total number of pages being submitted, including cover sheet, attachment(s), and document(s) are:

Total number of pages submitted 7

(Cover Sheet For Assignment Accompanying New Patent Application [4-2.3] - page 4 of 4)

**PATENT
REEL: 012058 FRAME: 0381**

**PATENT
REEL: 015438 FRAME: 0927**

Practitioner's Docket No. SW-00768**PATENT**

For: ☒ U.S. and/or ☒ Foreign Rights
For: ☒ U.S. Application or
☐ U.S. Provisional Application
For: ☒ U.S. Patent
For: ☐ PCT Application
By: Multiple Inventors

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

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,

ASSIGNORS (Inventors):

(type or print name of inventors)

Address

Nationality

John D. Webster4648 Greencrest Way, Palmdale, CA. 93551USA

(Assignment of Invention-Multiple Inventors [16-3.2]-page 1 of 3)

PATENT**REEL: 012058 FRAME: 0382****PATENT****REEL: 015438 FRAME: 0928**

hereby sells, assigns and transfers to

ASSIGNEE:

Lockheed Martin Corporation
(type or print name of ASSIGNEE)

Address

USA
Nationality

1011 Lockheed Way, Palmdale CA 93599

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:

and which is found in

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

- (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 / _____ / _____
filed on _____
(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.

(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

(Assignment of Invention - Multiple Inventors [16-3.2] - page 2 of 3)

PATENT
REEL: 012058 FRAME: 0383

PATENT
REEL: 015438 FRAME: 0929

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;

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, We have hereunto set hand and seal this 7/25/01
Date of signing

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

(type name of inventor)

John D. Webster

Signature of INVENTOR

4648 Green crest Way, Palmdale, CA. 93551 USA.

☐ Notarization or Legalization Page Added

RECORDED: 07/30/2001

PATENT
REEL: 012058 FRAME: 0384

RECORDED: 12/13/2004

PATENT
REEL: 015438 FRAME: 0930