

Case Nos.: NORTH- 232A

10-26-1998

FORM PTO-1595

(Rev. 8-93)

OMB No. 0651-0011 (exp. 4/94)

Tab settings □ □ □ ▼

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Stephen G. Kaiser
Stuart J. Collar
Mark D. Hischke

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

2. Name and address of receiving party(ies)

Name: NORTHROP GRUMMAN CORPORATION

Internal Address: Same as Below.

Street Address: 1840 Century Park East

City: Los Angeles State: CA ZIP: 90067-2199

Additional name(s) & address(es) attached? □ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

□ Merger

□ Security Agreement

□ Change of Name

□ Other

Execution Date: October 9, 1998

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

09172817

If this document is being filed together with a new application, the execution date of the application is: 10/9/98

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? □ Yes ☒ No

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

TERRY J. ANDERSON, ESQ.
Name: NORTHROP GRUMMAN CORPORATION

Internal Address: Same As Below.

Street Address: 1840 Century Park East

City: Los Angeles State: CA ZIP: 90067-2199 (Attach duplicate copy of this page if paying by deposit account)

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41).....\$ 40.00
(\$40.00 for each item listed)

□ Enclosed

☒ Authorized to be charged to deposit account
(and any additional fees needed)

8. Deposit account number:

14-1325

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.

BRUCE B. BRUNDA

Name of Person Signing

Signature

10/15/98

Date

Total number of pages including cover sheet, attachments, and document:

9

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

(Form PTO-1595—Recordation Form Cover Sheet [16-5] page 1 of)

PATENT

REEL: 9523 FRAME: 0846

JC511 U.S. PTO
09/17/98

10/15/98

09172817

10/15/98

10/15/98

40.00

FC:581

Practitioner's Docket No. NORTH- 232A /A- 2150**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):

Stephen G. Kaiser
STEPHEN G. KAISER

Stuart J. Collar
STUART J. COLLAR

Mark D. Hirschke
MARK D. HISCHKE

4322 Lombardy Court
Hoffman Estates, Illinois 60195 U.S.A.
Address (or state of incorporation) Nationality

800 W. Vista Drive, Algonquin, Illinois 60102
U.S.A.

4 Walnut Lane, Algonquin, Illinois 60102
U.S.A.

hereby sells, assigns and transfers to

ASSIGNEE:

NORTHROP GRUMMAN CORPORATION

1840 Century Park East

(type or print name of ASSIGNEE)

Address

a Delaware corporation

Los Angeles, CA 90067-2199

Nationality (or state of
incorporation)

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:

MOVING TARGET SIMULATOR

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

and which is found in (37 C.F.R. § 3.21)

(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 C.F.R. § 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)

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 10/9/98
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.

STEPHEN G. KAISER

(type name of Inventor)

STUART J. COLLAR

MARK D. HISCHKE

Signature of INVENTOR

☒ Notarization or Legalization Page Added.

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 U.S.C. § 261. Use next page if notarization is desired.

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

Practitioner's Docket No. NORTH-232A/A-2150

PATENT

NOTARIZATION OR LEGALIZATION ACCOMPANYING ASSIGNMENT

NOTE: Executing this page is not required for assignment, and is only prima facie evidence of execution. 35 USC 261.

Details of Country USA
 and place of signing of assignment Northrop Grumman Corp
Rolling Meadows, Illinois
Cook County

Before me this 9th day of October 1998, personally appeared the above named individual(s), to me known to be the person(s) who ☐ is ☒ are described in, and who executed the foregoing assignment instrument and acknowledged to me that

☐ he

☐ his

☐ she

executed the same of

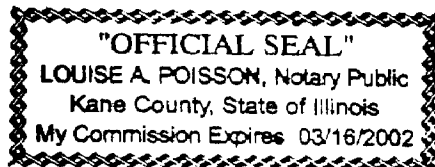
☐ her

☒ they

☒ their

own free will for the purpose therein expressed.

Louise A. Poisson
 Notary Public or Consular Officer of the
 United States of America



Practitioner's Docket No. NORTH-232A /A-2150**PATENT**

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

JC511 U.S. PTO

09/17/2017



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 C.F.R. 1.53(b))
☐ Continued prosecution (nonprovisional) application (37 C.F.R. § 1.53(d))
☐ Provisional application (37 C.F.R. 1.53(c))
☐ International application (37 C.F.R. 1.431)

b. Date of execution: October 9, 1998

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

c. Name of each inventor:

- 1: Stephen G. Kaiser
2: Stuart J. Collar
3: Mark D. Hischke

d. Title of invention: MOVING TARGET SIMULATOR

CERTIFICATION UNDER 37 C.F.R. 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 October 9, 1998, in an envelope as "Express Mail Post Office to Addressee," Mailing Label Number EL181730985US, addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Carol Lucas

(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 C.F.R. 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 C.F.R. 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 requirement will **not** be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

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

PATENT
REEL: 9523 FRAME: 0851

NOTE: 37 C.F.R. § 3.21 states: "If an assignment of a patent application filed under § 1.53(b) is executed concurrently with, or subsequent to, the execution of the patent application, but before the patent application is filed, it must identify the patent application by its date of execution, name of each inventor, and title of the invention so that there can be no mistake as to the patent application intended. If an assignment of a provisional application under § 1.53(c) is executed before the provisional application is filed, it must identify the provisional application by name of each inventor and title of the invention so that there can be no mistake as to the provisional application intended."

NAME OF PARTY(IES) CONVEYING INTEREST (37 CFR 3.31(a)(1))

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

Name 1: Stephen G. Kaiser

Name 2: Stuart J. Collar

Name 3: Mark D. Hischke

NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST

(37 CFR 3.31(a)(2))

3. The rights are being conveyed to:

Name: NORTHROP GRUMMAN CORPORATION

Address: 1840 Century Park East
Los Angeles, CA 90067-2199

Telephone No.: (213) 600-5823

**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: TERRY J. ANDERSON, ESQ.

Address: NORTHROP GRUMMAN CORPORATION
1840 Century Park East
Los Angeles, CA 90067-2199

Telephone No.: (213) 600-5823

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

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

6. The attached assignment (document) was executed on October 9, 1998:
Date

LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED

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

7. The attached document:

- ☒ is in the English language.
☐ is not in the English language. An English translation signed by the individual making the translation and statement as to its accuracy 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. (8½ x 14 inches) with a 2.5 cm. (one-inch) margin on all sides." 37 CFR 3.24.

8. Submitted 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 C.F.R. § 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**

NOTE: "All requests to record documents must be accompanied by the appropriate fee. Except as provided in paragraph (b) of this section, a fee is required for each application or patent against which the document is recorded as identified in the cover sheet. The recording fee is set in § 1.21(h). . . ." 37 C.F.R. § 3.41.

9. 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 14-1325 \$40.00.

A duplicate of this cover sheet is attached.

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

10. 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.

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. 28,497

Date: October 15, 1998

Tel. No. (949) 855-1246

Bruce B. Brunda

Signature of Practitioner

BRUCE B. BRUNDA

(type or print name of practitioner)

STETINA BRUNDA GARRED & BRUCKER

Customer No. --

P.O. Address

24221 Calle de la Louisa, 4th Flr.

Laguna Hills, CA 92653-7602

TOTAL NUMBER OF PAGES BEING SUBMITTED

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

9

Total number of pages submitted

NOTE: Please direct all correspondence and phone calls to:

TERRY J. ANDERSON, ESQ. (Reg. No. 24,271)

NORTHROP GRUMMAN CORPORATION

1840 Century Park East

Los Angeles, CA 90067-2199

Phone: (213) 600-5823

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