

02-19-2004

Form PTO-1595

(Rev. 10/02)

REC



OMB No. 0651-0027 (exp. 6/30/2005)

Tab settings $\Rightarrow \Rightarrow \Rightarrow$

102673020

U.S. DEPARTMENT OF COMMERCE
U.S. 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):

Mark D. Hischke

2.17.04

2. Name and address of receiving party(ies)

Name: Northrop Grumman Corporation

Internal Address: _____

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

3. Nature of conveyance:

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

Street Address: 1840 Century Park East

City: Los Angeles State: CA Zip: 90067

Execution Date: 2/16/1999

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

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: _____

A. Patent Application No.(s)

B. Patent No.(s)

6,560,270

Additional numbers attached? ☐ Yes ☒ No

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

Name: Bruce B. Brunda

Internal Address: Stetina Brunda Garred & Brucker

Street Address: 75 Enterprise, Suite 250

City: Aliso Viejo State: CA Zip: 92656

6. Total number of applications and patents involved: ☐7. Total fee (37 CFR 3.41).....\$ 40.00
previously paid☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

19-4330

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

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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

2/16/04

Date

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

Mail documents to be recorded with required cover sheet information to:

Filed together with a new patent application to:
Mail Stop Patent Application
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Alexandria, VA 22313-1450PATENT
REEL: 014972 FRAME: 0562

01-07-2004

FORM PTO-1534
(Rev. 8-93)

CASE NO.:

RECORD

OMB No. 0581-0011 (exp. 4/94)

NORTH-218A

TF

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Tab settings

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

1. Name of conveying party(ies):

Mark D. Hirschke

- ☒ Individual(s) ☐ Association
☐ General Partnership ☐ Limited Partnership
☐ Corporation-State
☐ Other

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

3. Nature of conveyance:

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

Execution Date: 02/16/99

2. Name and address of receiving party(ies)

Name: NORTHROP GRUMMAN CORPORATION

Internal Address: SEE BELOW

Street Address: 1840 Century Park East

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

- ☐ Individual(s) citizenship
☐ Association
☐ General Partnership
☐ Limited Partnership
☒ Corporation-State Delaware
☐ Other

If assignee is not domiciled in the United States, a domestic representative design is attached: ☐ Yes ☒ No

(Designations must be a separate document from assignment)

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

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

A. Trademark Application No.(s)

B. Trademark Registration 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: SEE BELOW

Street Address: 1840 Century Park East

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

6. Total number of applications and registrations involved:

1

7. Total fee (37 CFR 3.41) \$ 40.00
(\$40 for 1st and \$25 for 2nd and additional)
☐ EnclosedX1. Authorized to be charged to deposit account --
AND ANY ADDITIONAL FEES REQUIRED

8. Deposit account number:

14-1325

02/17/1999 JPM00022 00000018 141325 09032000

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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
(attorney)

Signature

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

9

Date

Mar 4, 1999

Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20530

PATENT

REEL: 014972 FRAME: 0563

15414-1227 Patent

FORM 163

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Practitioner's Docket No. NORTH-218A /A-2137**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: ☐ 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

Mark D. Hirschke*(Type or print name(s) of ASSIGNOR(S))*4 Walnut Lane*Address*Algonquin, IL 60102U.S.A.*Nationality (or State of Incorporation)*

*(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 _____

Frame _____

hereby sells, assigns and transfers to

ASSIGNEE:NORTHROP GRUMMAN CORPORATION*(Type or print name(s) of ASSIGNEE(S))*1840 Century Park East*Address*Los Angeles, CA 90067-2199a Delaware corporation*Nationality (or State of Incorporation)*

and the successors, assigns and legal representatives of the ASSIGNEE

(Assignment of Invention (16-3)—page 1 of 3)

(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:
METHOD FOR TUNING A SPREAD SPECTRUM RECEIVER.

Name of inventor(s) Mark D. Hischke

(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/ _____ / _____
(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)

(6474-137) (4-80)

FORM 163

(24) 17-1707 Pa. 1997

FORM 16-3

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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 16 day

of 1 FEB 1999

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: 2-16-1999

Mark D. Rischke

Signature of ASSIGNOR(S) Mark D. Rischke

Date:

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

☒ Notarization or Legalization Page Added.

(Assignment of Invention [18-3]—page 3 of 3)

Notary Public Seal

FORM 16-4

16-26.1

Practitioner's Docket No. _____

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 Cook County, ILLINOIS, U.S.A.
and place of signing of assignment 600 Hicks Rd
Rolling Meadows, IL

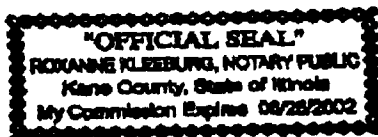
Before me this 16th day of February, 1999, personally appeared the above named individual(s), to me known to be the person(s) who ☒ (s) ☐ are described in, and who executed the foregoing assignment instrument and acknowledged to me that

☒ he☐ she☐ they

executed the same of

☒ his☐ her☐ their

own free will for the purpose therein expressed.



Roxanne Kleeburg
Notary Public or Consular Officer of the
United States of America

(Notarization or Legalization)

*** TOTAL PAGE: 07 ***