

10-07-1999



PATENTS ONLY Case No. NOR

101164677

PATENTS ONLY

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS  
Please record the attached original document or copy thereof.

1. Name of Party(ies) conveying an interest:

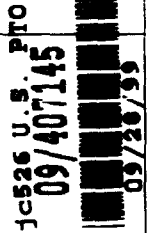
Michael David Bame

*MDB*  
*9-28-99*

2. Name and Address of Party(ies) receiving an interest:

Northrop Grumman Corporation  
1840 Century Park East  
Los Angeles, CA 90067-2199

A Delaware Corporation



3. Description of the instrument of conveyance: ASSIGNMENT

4. This document is being filed together with a new application, the execution date of the application is:

*09/407,145*

September 23, 1999  
Date

The title is: SPHERICALLY MOUNTED RETROREFLECTOR EDGE ADAPTER

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

Northrop Grumman Corporation  
1840 Century Park East  
M/S 60/110/N1-3  
Los Angeles, CA 90067-2199

6. Number of applications/patents involved:

1

7. Amount of fee enclosed or authorized to be charged:

\$40.00

8. Deposit account number (Attach duplicate copy of this form if paying by deposit account:

14-1325

DO NOT USE THIS SPACE

9. Date of execution of attached document:

10. To the best of my knowledge and belief, the information contained on this coversheet is true and correct and any copy submitted is a true copy of the original document.

10/06/1999 MTRAIL 00000125 141325 09407145

01 FC:581 40.00 CH  
9/28/99

Date

Bruce B. Brunda  
Registration No. 28,497

Practitioner's Docket No. NORTH-371A /A-2218

**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

Michael David Bame  
 (type or print name(s) of ASSIGNOR(S))

5131 Denny Avenue, #6  
 Address

N. Hollywood, CA 91601

U.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 90067-2199

a Delaware corporation  
 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:

SPHERICALLY MOUNTED RETROREFLECTOR EDGE ADAPTER

Name of inventor(s) Michael David Bame

(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)

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 23RD day of September, 1997  
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: Michael David Bame  
Signature of ASSIGNOR(S) Michael David Bame  
Date: 9 23 1997  
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 [16-3]—page 3 of 3)

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

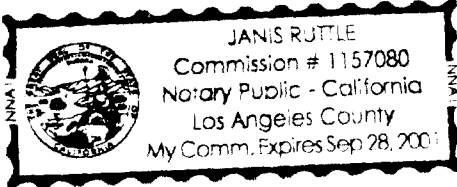
State of CALIFORNIA

County of LOS ANGELES

On \_\_\_\_\_ before me, \_\_\_\_\_  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared \_\_\_\_\_  
Name(s) of Signer(s)

- personally known to me
- 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.

\_\_\_\_\_  
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: \_\_\_\_\_ Number of Pages: 1/1

Signer(s) Other Than Named Above: \_\_\_\_\_

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

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

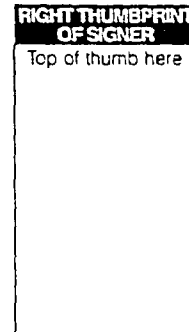
- Individual
- Corporate Officer  
Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing:  
\_\_\_\_\_  
\_\_\_\_\_

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

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



Signer Is Representing:  
\_\_\_\_\_  
\_\_\_\_\_