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FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE
1-31-92RECORDATION FORM COVER SHEET PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks

with the attached original documents or copy thereof.

1. Name of Conveying Party(ies):

Clifton Dale Cunningham
4001 Parr Road
Grapevine, Texas 76051
U.S.A. Citizen

Additional name(s) of conveying party(ies) attached?

Yes No

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

Name: Northrop Grumman

Street Address: 2301 West 120th Street, M/S 60/110/N1-3
1840 Century Park East

City: Hawthorne State: California 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: July 9, 1999

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: July 9, 1999

A. Patent Application No.

B. Patent No.(s)

09/351032

Additional Numbers attached? Yes No

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

Name: Terry J. Anderson, Esq.
Internal Address: Northrop Grumman Corporation
Intellectual Property Department
Street Address: 2301 West 120th St., M/S 60/110/N1-3
1840 Century Park East
City Hawthorne
State: California Zip: 90067-2199

6. Total number of applications and patents involved: One.

7. Total Fee (37 CFR 3.41): \$ 40.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
Northrop Grumman Corporation 14-1325
(Attach Duplicate Copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Robert M. Chiaviello, Reg. No. 32,461

Robert M. Chiaviello, Jr.
Signature

July 9, 1999

Name of Person Signing

Date

Total number of pages including cover sheet

4

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

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Mail documents to be recorded with required cover sheet information :

Commissioner of Patent and Trademarks
Box Assignments
Washington, D.C. 20231

07/20/1999 MTHAI1 00000188 41325 09351032

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Additional Names of Conveying Parties:

James Fitch McKinnon
220 Olive St.
Hurst, Texas 76053
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James Jeffery Howard
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Mansfield, Texas 76063
U.S.A. Citizen

James Paul Koesters
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Michael Alan Leenhouts
2621 Juniper Lane
Grapevine, Texas 76051
U.S.A. Citizen

Eric Dewayne Moore
4374 Ashley Lane
Grand Prairie, Texas 75052
U.S.A. Citizen

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors) of residence as listed, have invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, Northrop Grumman Corporation (hereinafter referred to as "Assignee"), a Delaware Corporation, with an address of 2301 West 1st 20th Street, P.O. Box 5032, Hawthorne, California 90250-5032, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications,

make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention: METHOD AND SYSTEM FOR PART MEASUREMENT AND VERIFICATION

Signature of Inventor: 

Inventor's Name: Clifton Dale Cunningham

Residence (City, County, State) 4001 Parr Road
Grapevine, Tarrant County, Texas 76051

Date: 7-9-99

Date Application Executed: 7-9-99

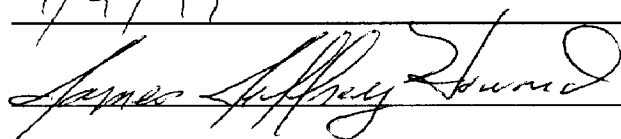
Signature of Inventor: 

Inventor's Name: James McKinnon Fitch

Residence (City, County, State) 220 Olive St.
Hurst, Tarrant County, Texas 76053

Date: 7/9/99

Date Application Executed: 7/9/99

Signature of Inventor: 

Inventor's Name: James Jeffery Howard

Residence (City, County, State) 1508 Meadow Ridge Ct.
Mansfield, Tarrant County, Texas 76063

Date: 7-9-99

Date Application Executed: 7-9-99

Signature of Inventor: 

Inventor's Name: James Paul Koesters

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Date: 7-9-99

Date Application Executed: 7-9-99

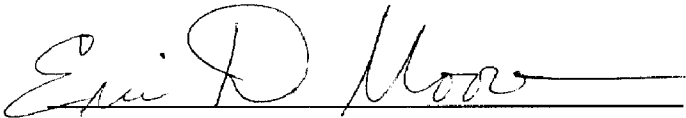
Signature of Inventor: 

Inventor's Name: Michael Alan Leenhouts

Residence (City, County, State) 2621 Juniper Lane
Grapevine, Tarrant County, Texas 76051

Date: 7-9-99

Date Application Executed: 7-9-99

Signature of Inventor: 

Inventor's Name: Eric Dewayne Moore

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Date: 7-9-99

4

Date Application Executed:

7-9-99