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102784325

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

1. Name of conveying party(ies):

David M. Zastrow
Mark A. Krueer

6-23-04

2. Name and address of receiving party(ies)

Name: NORTHROP GRUMMAN CORPORATION

Internal Address: _____

22387 U.S. PTO
10/876207Additional 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 EastCity: Los Angeles State: CA Zip: 90067-2199Execution Date: June 17, 2004Additional 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: 06/17/2004

A. Patent Application No.(s)

07/06/2004 REGISTRATION 00000090 141325 10876207

10876207

B. Patent No.(s)

01 FC:021

40.00 DA

Additional numbers attached? ☐ Yes ☒ No

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

Name: PATENT COUNSELInternal Address: Northrop Grumman Space& Mission Systems Corp.Space Technology - Law Dept.Street Address: One Space ParkBldg. E1/2041City: Redondo Beach State: CA Zip: 902786. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

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*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.*Noel F. Heal, Reg. No. 26,074

Name of Person Signing

Signature

June 21, 2004

Date

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ASSIGNMENT

For valuable consideration, the adequacy and receipt of which are hereby acknowledged, we David M. Zastrow and Mark A. Kruer respectively, of Hacienda Heights, California and Rolling Hills Estates, California, do hereby sell and assign to Northrop Grumman Corporation, 1840 Century Park East, Los Angeles, California 90067-2199, a Delaware corporation, its successors and assigns, the entire right, title and interest in and to the improvements in **VARIABLE HIGH SPEED SHUTTER FOR SPECTRORADIOMETRY** which has been invented by us, as described in the application for United States Patent which we executed respectively, on June 17, 2004 and June 17, 2004, and any and all applications for patent and patents therefrom in any and all countries, including all divisions, reissues, continuations, and extensions thereof, and the right to claim the priority date of the first filed application in the United States, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said Northrop Grumman Corporation, or its successors or assigns, and agree that on request and without further consideration, but at the expense of Northrop Grumman Corporation, we will communicate to Northrop Grumman Corporation or its representatives or nominees any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and generally do everything possible to aid Northrop Grumman Corporation, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

June 17, 2004

Inventor:


DAVID M. ZASTROW

June 17, 2004

Inventor:


MARK A. KRUER