

12-22-2004



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documents or copy thereof.

12-13-04

To the Honorable Commissioner of Patents and Trademarks

Name of conveying party(ies):

Robert E. Stewart

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

2. Name and address of receiving party(ies):

Name: Northrop Grumman Corporation

Address: 1840 Century Park East
Los Angeles, CA 90067-2150

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date(s) 12/10/2004

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(s) of the application is (are): 12/10/2004

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:

Robert J. Brill
Patti & Brill, LLC
Customer Number 32205

Docket No.: NGC-165/000554-199

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.4):..... \$ 40.00

- Enclosed
- Authorized to be charged to business credit card

8. Deposit account number:

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 J. Brill
Name of Person Signing
Reg. No. 36,760

Robert J. Brill
Signature

December 13, 2004
Date

Do not detach this portion

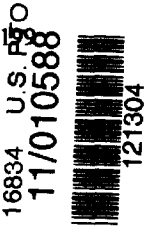
Mail documents to be recorded with required cover sheet information to:

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12/16/2004 LWONDIN1 0000063 11010588

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ASSIGNMENT AND AGREEMENT


For value received, I, **Robert E. Stewart**, residing in the town of Woodland Hills, in the County of Los Angeles, in the State of California, hereby sell, assign and transfer to Northrop Grumman Corporation, a corporation of the State of Delaware, having an office at 21240 Burbank Boulevard, Woodland Hills, California 91367-6675, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **COPLANAR PROOFMASSES EMPLOYABLE TO SENSE ACCELERATION ALONG THREE AXES** the specification of which *is filed herewith* for Letters Patent of the United States, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and I also concurrently hereby sell, assign and transfer to Northrop Grumman Corporation the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

I authorize Northrop Grumman Corporation to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Northrop Grumman Corporation to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to Northrop Grumman Corporation in the United States and in all countries foreign to the United States, or to such nominees as Northrop Grumman Corporation may designate.

I agree that, when requested, I shall, without charge to Northrop Grumman Corporation but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.


Robert E. Stewart

Date: 12/10/2004

United States of America

State of California

County of Los Angeles

On this 10th day of December, 2004, before me personally came **Robert E. Stewart**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

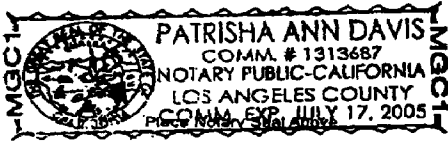
CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California
County of Los Angeles } ss.

On December 10, 2004, before me, Patrisia Ann Davis, Notary Public
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")
personally appeared Robert E. Steward
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]
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: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

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

Signer Is Representing: _____

