



102961088

To the Honorable Commissioner of Patents and Trademarks

Documents or copy thereof.

Name of conveying party(ies):

Valery A. Kozlov

MKD
3-4-05

Name and address of receiving party(ies):

Name: Northrop Grumman Corporation

Address: 1840 Century Park East
Los Angeles, CA 90067-2119

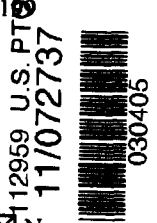
Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of Conveyance:

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

Execution Date(s) 03/04/2005

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): 03/04/2005

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:

Carmen B. Patti
Patti & Brill, LLC
Customer Number 32205

Docket No.: NGC-221/000452-199

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:

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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.

Carmen B. Patti
Name of Person Signing
Reg. No. 26,784

Signature

March 4, 2005
Date

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

Commissioner for Patents
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03/09/2005 HTECKLU1 00000029 11072737

06 FC:8021

40.00 DP

ASSIGNMENT AND AGREEMENT

For value received, I, **Valery A. Kozlov**, residing in the town of Foxboro, in the County of Norfolk, in the State of Massachusetts, hereby sell, assign and transfer to Northrop Grumman Corporation, a corporation of the State of Delaware, having an office at 1840 Century Park East, Los Angeles, California 90067-2199, 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 **FIBER-OPTIC GYROSCOPE WITH DEPOLARIZER USING INTEGRATED OPTIC WAVEGUIDE** 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.

Kozlov

Valery A. Kozlov

Date: 03/04/2005

United States of America

State of MASSACHUSETTS

County of NORFOLK

On this 4th day of MARCH, 2005, before me personally came **Valery A. Kozlov**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

John Heaney

Notary Public

