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To the Honorable Commissioner of Patents and T.

Please record the attached original documents or copy thereof.

Name of conveying party(ies):
Edward Kanegsberg
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: Northrop Grumman Guidance and Electronics Company, Inc.
Address: 21240 Burbank Blvd.
Woodland Hills, CA 91367

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date(s) 07/14/2008

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): 07/14/2008
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, Hewitt & Arezina LLC
Customer Number 32205
Docket No.: NGC-344/001219-199

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

Signature
July 14, 2008
Date

Do not detach this portion

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

Commissioner for Patents
Mail Stop Assignments
P. O. Box 1450
Alexandria, VA 22313-1450

07/15/2008 RNEBRAHT 00000133 12218298

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40.00 OP

ASSIGNMENT

WHEREAS, I, Edward Kanegsberg, hereinafter referred to as Assignor have invented certain new and useful improvements in POLARIZATION ANALYZER ORIENTATION

described in an application for United States Letters Patent, executed by me on the date as stated below;

WHEREAS, Northrop Grumman Guidance and Electronics Company, Inc., a Delaware corporation, having its principal place of business at 21240 Burbank Blvd., Woodland Hills, California 91367, hereinafter referred to as Assignee, is desirous of acquiring the entire right, title and interest in, to and under said improvements and said application:

NOW, THEREFORE, in consideration of Assignor's obligations to Northrop Grumman Guidance and Electronics Company, Inc., and for other good and valuable consideration, the receipt and sufficiency is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in, to and under said improvements, and said application and divisions, renewals, continuations, and continuations-in-part thereof, and all United States Letters patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, including the full right to claim for any such application the priority benefits of the International Convention for the Protection of Industrial Property and other priority-conferring treaties, and Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extension divisions, continuations, continuations-in-part, renewals and reissues thereof; and Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

Assignor hereby acknowledges that at the time of making the improvements herein identified, Assignor was under no obligation to assign to Assignee, Assignor's entire right, title and interest in, to and under said improvements;

Assignor hereby covenants that Assignor has full right to convey the interest herein assigned, and that Assignor has not executed, and will not execute, any agreement in conflict herewith and that Assignee, Northrop Grumman Guidance and Electronics Company, Inc., its successors, assigns and other legal representatives shall have the right to hold and enjoy for its and their own use and benefit, to the end of the term or terms for which such Letters Patent shall or may be granted, reissued or extended as fully and completely as the same right or could have been held and enjoyed by Assignor had this Assignment not been made.

Assignor hereby further covenants and agrees to communicate to Assignee, its successors, legal representatives and assigns, any and all facts known to Assignor respecting said improvements; to promptly provide Assignor with all documents relating to said improvements, said invention, and said Letters Patent as may be known or accessible to Assignor; to testify as to the same in all interference or litigation or other legal proceedings related thereto; to sign all lawful papers, execute all extensions, continuation applications, continuations-in-part, divisional and reissue applications; and to make all rightful oaths or declarations and generally do everything possible to aid Assignee, its successors, legal representatives and assigns in obtaining and enforcing all the rights herein conveyed by said improvements in all countries without further compensation, but at the expense of Assignee, its successors, legal representatives and assigns.

IN WITNESS WHEREOF, the undersigned has executed and delivered this instrument this 14th day of July, 2008, and has executed the referenced patent application on the 14th day of July, 2008.

Edward Kanegsberg
Edward Kanegsberg Assignor's Signature

STATE OF Illinois
COUNTY OF Cook) ss

On 7/14/08 before me, Laura A. Hernandez, personally appeared Edward Kanegsberg, personally known to me - or - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to this instrument and acknowledge 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 to be the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal
Laura A. Hernandez
Notary's Signature



(Seal)

RECORDATION FORM COVER SHEET Patent and Trademark Office
PATENTS ONLY

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Edward Karneberg

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