# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Roy Schering	04/19/2007
Wayne John Gordon	04/19/2007
Donald Richard McMillan	04/19/2007
David Curtis Lennon	04/19/2007
Marc S. Adams	04/19/2007

### **RECEIVING PARTY DATA**

Name:	Northrop Grumman Systems Corporation	
Street Address:	1840 Century Park East	
City:	Los Angeles	
State/Country:	CALIFORNIA	
Postal Code:	90067	

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11737924

# **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: NORT-79104

NAME OF SUBMITTER: Robert P. Lenart

PATENT

REEL: 019188 FRAME: 0807

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Total Attachments: 3

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> PATENT REEL: 019188 FRAME: 0808

#### ASSIGNMENT

WHEREAS, I, Roy Schering	, hereinafter referred to as Assignor
	Aillan, David Curtis Lennon, and Marc S. Adams
have jointly invented certain new and useful improvements in	ANGLE CALIBRATION OF LONG BASELINE ANTENNAS

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

WHEREAS, Northrop Grumman Systems Corporation, a Delaware Corporation, having its principal place of business at 1840 Century Park East, Los Angeles, CA 90067, 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 Systems Corporation, a Delaware Corporation, 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 all 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 all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, 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 an 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 Systems Corporation, a Delaware Corporation, 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 any interference or litigation or other legal proceedings related thereto; to sign all lawful papers, execute all extensions, continuations, 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 for said improvements in all countries without further compensation, but at the expense of Assignee, its successors, legal representatives

and assigns.	•	, and the second of the second
APKIL 2	SS WHEREOF, the undersigned 0.07, and has executed the referen	has executed and delivered this instrument this 19 day onced patent application on the 19 day of APRIC , 20 07
		Roy F Schering Assignor's Signature
STATE OF FLOR	CLOP )	
COUNTY OF BR	REVARD) ss	
On 4-19-07	before me, TERES	THE ROUTE TO PERSONALLY APPEARED PROVIDED TO PERSONALLY APPEAR
executed the same in	n his/her/their authorized capacity(le half of which the person(s) acted, ex	s), and that by his/her/their signature(s) on the instrument to be the person(s)
WITNESS my hand a Notary (Seal)	and official seal  Signature  Sesa G. Rauhut	Teresa G. Rauhut  Commission # DD487002  Expires October 31, 2009  Bonded Troy Fain - Insurance, Inc. 800-385-7019
	mmission # DD487002	Page 1 of 3

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Expires October 31, 2009 vied Troy Fain - Insurance, Inc. 800-385-7019

> PATENT REEL: 019188 FRAME: 0809

IN WITNESS WHEREOF, the undersigned has executed and delivered this instrument this /9 day of
Marc J Odimo Assignor's Signature
STATE OF FLORIDA )  COUNTY OF BREVAIRI) SS
On 4-19-07 before me. 1EEESP G. PAUHUT personally appeared 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  Notary's Signature (Seal)
Teresa G. Rauhut Commission # DD487002 Expires October 31, 2009 Sonded Troy Fain - Insurance, Inc. 800-385-7019
IN WITNESS WHEREOF, the undersigned has executed and delivered this instrument this 19 day of April , 2007, and has executed the referenced patent application on the 19 day of April , 2007.
Assignor's Signature  STATE OF <u>FLORIDA</u> )  COUNTY OF <u>BREVARD</u>
on 4-19-07 before me,
NITNESS my hand and official seal  Notary's Signature  (Seal)
Teresa G. Rauhut Commission # DD487002 Expires October 31, 2009 Bondad Troy Fain - Insurance, Inc. 800-385-7019

IN WITNESS WHEREOF, the undersigned has executed and delivered this instrument this/8 day of/
Assignor's Signature
STATE OF FLORIDA Signature  COUNTY OF BREVARD SS
On DAU Defore me, personally appeared person(s) whose name(s) is/are subscribed to this instrument and acknowledge to me that he/she/they or the entity upon behalf of which the person(s) acted, executed the instrument.
WITNESS my hand and official seal  Notary's Signature  (Seal)
Teresa G. Rauhut Commission # DD487002 Expires October 31, 2009 Bonded Troy Fain - Insurance, Inc. 600-385-7019
IN WITNESS WHEREOF, the undersigned has executed and delivered this instrument this 19 day of
Wyse Habor Assignor's Signature
STATE OF FLORIDA ) COUNTY OF BREVARD SS
On 4-19-07 before me, 16/65/15 G. RAUHUT, personally appeared satisfactory evidence to be the person(s) whose name(s) is/are subscribed to this instrument and acknowledge to me that he/she/they or the entity upon behalf of which the person(s) acted, executed the instrument.
Notary's Signature
Teresa G. Rauhut  * Commission # DD487002  Expires October 31. 2009  Bonded Troy Fain - Insurance Inc. 400-385-7019

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