

08-27-1998

Case Nos.: NORTH- 222A /A- 2141



100804498

FORM PTO-1595 (Rev. 8-93) OMB No. 0651-0011 (exp. 4-94) Tab settings <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		<b>RECORDATION FORM COVER SHEET</b> <b>PATENTS ONLY</b>		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): <u>Jonathan Noel Lazar</u>  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies) Name: <u>NORTHROP GRUMMAN CORPORATION</u> Internal Address: <u>Same as Below.</u>  Street Address: <u>1840 Century Park East</u>  City: <u>Los Angeles</u> State: <u>CA</u> ZIP: <u>90067-2199</u>  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____  Execution Date: <u>8/10/98</u>					
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: <u>8/10/98</u> A. Patent Application No.(s) _____ B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: <u>TERRY J. ANDERSON, ESQ.</u> Name: <u>NORTHROP GRUMMAN CORPORATION</u> Internal Address: <u>Same As Below.</u>  Street Address: <u>1840 Century Park East</u>  City: <u>Los Angeles</u> State: <u>CA</u> ZIP: <u>90067-2199</u>			6. Total number of applications and patents involved: <span style="border: 1px solid black; padding: 2px;">1</span>  7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> (\$40.00 for each item listed) <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account (and any additional fees needed)		
			8. Deposit account number: <u>14-1325</u> (Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE					
9. Statement and signature. <i>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.</i>  <u>BRUCE B. BRUNDA</u> <u><i>Bruce B. Brunda</i></u> <u>8/12/98</u> Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and document: <span style="border: 1px solid black; padding: 2px;">9</span>					

10838 U.S. PTO  
 09/13/98  
 08/18/98

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 Washington, D.C. 20231

Practitioner's Docket No. NORTH- 222A/A-2141

**PATENT**

For:  U.S. and/or  Foreign Rights  
 For:  U.S. Application or  
        U.S. Provisional Application  
 For:  U.S. Patent  
 For:  PCT Application  
 By:  Inventor(s) or  Present Owner

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

Inventor(s) or person(s) or entity(ies) who own the invention

Jonathan Noel Lazar  
*(type or print name(s) of ASSIGNOR(S))*

20412 Ravenwood Lane  
Address

Huntington Beach, CA 92646

Nationality

*(if assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO, add the following)*

Recorded on \_\_\_\_\_ Reel \_\_\_\_\_  
Frame \_\_\_\_\_

hereby sells, assigns and transfers to

ASSIGNEE:

NORTHROP GRUMMAN CORPORATION  
*(type or print name(s) of ASSIGNEE(S))*

1840 Century Park East  
Address

Los Angeles, CA 90067-2199

a Delaware corporation  
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

the entire right, title and interest  
 an undivided \_\_\_\_\_ percent (\_\_\_\_\_% ) interest  
for the United States and its territorial possessions

*(check the following box, if foreign rights are also to be assigned)*

and in all foreign countries, including all rights to claim priority,  
in and to any and all improvements which are disclosed in the invention entitled:  
METHOD FOR FORMING A MAP OF A THREE-DIMENSIONAL OBJECT.

Name of inventor(s) Jonathan Noel Lazar

*(check and complete (a), (b), (c), (d), (e), (f) or (g))*

and which is found in

- (a)  U.S. patent application executed on even date herewith  
(b)  U.S. patent application executed on \_\_\_\_\_  
(c)  U.S. provisional application naming the above inventor(s) for the above-entitled invention.  
 Express mail label no.: \_\_\_\_\_  
Mailed: \_\_\_\_\_  
 To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.  
(d)  U.S. application no. \_\_\_\_\_ / \_\_\_\_\_  
filed on \_\_\_\_\_  
(e)  International application no. PCT/ \_\_\_\_\_ / \_\_\_\_\_  
(f)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_  
 A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

*(also check (g), if foreign application(s) is also being assigned)*

- (g)  and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

(Assignment of Invention [16-3]—page 2 of 3)

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this 10<sup>th</sup> day of 8/10/98  
Date of signing

**WARNING:** The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Date: 8/10/98

Jonathan Noel Lazar  
Signature of ASSIGNOR(S) Jonathan Noel Lazar

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

(if ASSIGNOR is a legal entity, complete the following information)

\_\_\_\_\_  
(type or print the name of the above person authorized to sign on behalf of ASSIGNOR)

\_\_\_\_\_  
Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 U.S.C. § 261. Use next page if notarization is desired.

Notarization or Legalization Page Added.

(Assignment of Invention [16-3]—page 3 of 3)

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of CALIFORNIA

County of LOS ANGELES

On AUGUST 10, 1998 before me, EVELYN SNYDER, NOTARY PUBLIC  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared JONATHAN NOEL LAZAR  
Name(s) of Signer(s)

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 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.

Evelyn Snyder  
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.*

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Title or Type of Document: \_\_\_\_\_

Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_

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

**RIGHT THUMBPRINT OF SIGNER**

Top of thumb here

Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer  
Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
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**RIGHT THUMBPRINT OF SIGNER**

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Signer Is Representing: \_\_\_\_\_