

05-27-1998

FORM PTO-1595  
1-31-92

100718917

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): MRD 5-18-98Howard E. Pollard  
Michael J. McVey  
Robert E. NeffAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: May 1, 1998

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

Name: Space Systems/Loral, Inc.

Internal Address: \_\_\_\_\_

Street Address: 3825 Fabian WayCity: Palo Alto State CA Zip 94303Additional 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 of the application is: \_\_\_\_\_

A. Patent Application No.(s)

09/027,466

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Joyce KosinskiInternal Address: Suite 303Loral Space and Communications, Ltd.Street Address: 655 Deep Valley DriveSuite 303City: Rolling Hills State CA Zip 902746. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

05/21/1998 TSTOKES 00000005 09027466

03 FC:501

40.00 OP

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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.

Kenneth W. Float

Name of Person Signing

Signature

May 12, 1998

Date

Total number of pages comprising cover sheet: 1

PATENT

REEL: 9183 FRAME: 0229

ASSIGNMENT

PATENT  
PA-98011

WHEREAS, I (We), as below named sole inventor (if only one name is listed below) or joint inventor (if plural names are listed below) of the city and state as stated below next to my (our) name(s), have invented a(an) Solar Array Augmented Electrostatic Discharge for Spacecraft in Geosynchronous Earth Orbit for which application for Letters patent of the United States has been executed by me (us) on this day, or (if the following is completed) filed on February 21, 1998 as Serial No. 09/027,466; and

WHEREAS Space Systems/Loral Inc., ("Loral") having a place of business located at 3825 Fabian Way, Palo Alto, California is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we) do hereby sell, assign and transfer unto Loral, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under said application for Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

<u>Name(s) of inventor(s)</u>	<u>application executed:</u>
by: Christopher F. Hoerber First Inventor	on _____
by: Howard E. Pollard <i>Howard E. Pollard</i> Second Inventor	on <u>1 May 1998</u>
by: Michael J. McVey <i>Michael J. McVey</i> Third Inventor	on <u>1 May 1998</u>
by: Robert E. Neff <i>Robert E. Neff</i> Fourth Inventor	on <u>1 May 98</u>
by: _____ Fifth Inventor	on _____
and by: _____ Sixth Inventor	on _____

And for the above consideration, I (we each) agree promptly upon request for Loral its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Loral its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of such Letters Patent provided the expenses which may be incurred by me in lending such cooperation and assistance are paid by Loral.

IN WITNESS WHEREOF, I (we) hereunto set my (our) hand(s) and seal(s):

_____ Inventor's Signature	_____ Assignment Execution Date
_____ Inventor's Signature <i>Howard E. Pollard</i>	_____ Assignment Execution Date <u>1 May 1998</u>
_____ Inventor's Signature <i>Michael J. McVey</i>	_____ Assignment Execution Date <u>1 May 1998</u>
_____ Inventor's Signature <i>Robert E. Neff</i>	_____ Assignment Execution Date <u>1 May 98</u>
_____ Inventor's Signature	_____ Assignment Execution Date
_____ Inventor's Signature	_____ Assignment Execution Date

ASSIGNMENT

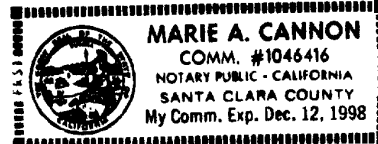
STATE OF California  
COUNTY OF Santa Clara ) ss.:

BEFORE me this 1st day of May, 1998, personally appeared  
Robert E. Nepp who is ☐ personally known or ☒ proved to me on the  
basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be he  
free act and deed

Marie A. Cannon

Notary Public

STATE OF California  
COUNTY OF Santa Clara ) ss.:

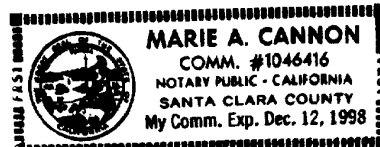


BEFORE me this 1st day of May, 1998, personally appeared  
Howard Pollard who is ☐ personally known or ☒ proved to me on the  
basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be he  
free act and deed

Marie A. Cannon

Notary Public

STATE OF California  
COUNTY OF Santa Clara ) ss.:



BEFORE me this 1st day of May, 1998, personally appeared  
Michael G. McVey who is ☐ personally known or ☒ proved to me on the  
basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be he  
free act and deed

Marie A. Cannon

Notary Public

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.:



BEFORE me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, personally appeared  
\_\_\_\_\_ who is ☐ personally known or ☐ proved to me on the  
basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be h\_\_\_\_  
free act and deed

Notary Public