

Tab settings

1.22.01



101600857

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



1. Name of conveying party(ies):

Terry M. Smith  
George Hardie  
Juan Duarte

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

Name: Space Systems/Loral, Inc.

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

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

3. Nature of conveyance:

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

Street Address: 3825 Fabian Way

City: Palo Alto State CA Zip 94303

Execution Date: 1/11/01

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 of the application is: 1/11/01

A. Patent Application No.(s)  
09/684,299

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 Kosinski

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

Loral Space and Communications, Ltd.

Street Address: 655 Deep Valley Drive

Suite 303

City: Rolling Hills Estates State CA Zip 90274

6. 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)

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.

Kenneth W. Float

January 15, 2001

Name of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

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) **Stepped Waveguide Slot Array with Phase Control and Satellite Communication System Employing Same** 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 **October 6, 2000** as Serial No. **09/684,299**; 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;

Name(s) of inventor(s)

Address

Terry M. Smith

9703 Alpine Road, La Honda, CA 94020

First Inventor

George Hardie

2942 San Marcos Pass, Santa Barbara, CA, 93105

Second Inventor

Juan Duarte

210 Spink Lane, McCall, ID 83638

Third Inventor

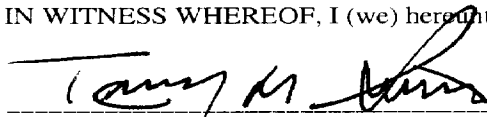
Fourth Inventor

Fifth Inventor

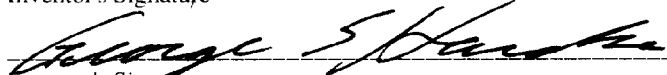
Sixth Inventor

And for the above consideration, I (we each) agree promptly upon request from **Loral** or 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 for **Loral** or its successors or 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

11 Jan 2001  
\_\_\_\_\_  
Assignment Execution Date

  
\_\_\_\_\_  
Inventor's Signature

11 Jan 2001  
\_\_\_\_\_  
Assignment Execution Date

  
\_\_\_\_\_  
Inventor's Signature

11 Jan 2001  
\_\_\_\_\_  
Assignment Execution Date

\_\_\_\_\_  
Inventor's Signature

\_\_\_\_\_  
Assignment Execution Date

\_\_\_\_\_  
Inventor's Signature

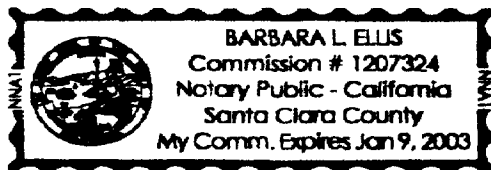
\_\_\_\_\_  
Assignment Execution Date

\_\_\_\_\_  
Inventor's Signature

\_\_\_\_\_  
Assignment Execution Date

STATE OF California )  
 )  
COUNTY OF Santa Clara ) ss.:

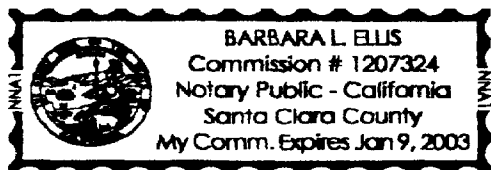
BEFORE me this 11th day of January, 2001, personally appeared Terry M. Smith who is  personally known or  proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his free act and deed



Barbara L. Ellis  
Barbara L. Ellis Notary Public

STATE OF California )  
 )  
COUNTY OF Santa Clara ) ss.:

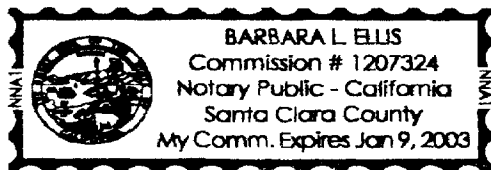
BEFORE me this 11th day of January, 2001, personally appeared George Hardie who is  personally known or  proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his free act and deed



Barbara L. Ellis  
Barbara L. Ellis Notary Public

STATE OF California )  
 )  
COUNTY OF Santa Clara ) ss.:

BEFORE me this 11th day of January, 2001, personally appeared Juan Duarte 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 his free act and deed



Barbara L. Ellis  
Barbara L. Ellis Notary Public

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

BEFORE me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, 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