

10.30.98

11-09-1998

FORM PTO-1595
1-31-92



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

100872161

Tab settings

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

1. Name of conveying party(ies):

Ralph Spickermann
Julius Lange

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: October 28, 1998

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

Name: Lockheed Martin Aerospace Corporation

Internal Address: _____

Street Address: 6801 Rockledge Drive

City: Bethesda State MD Zip 20817

Additional name(s) & address(es) attached? Yes No

JCS 11 U.S. PTO
09/18/98
10/30/98

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: October 28, 1998

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:

Name: Keith D. Nelson

Internal Address: _____

Lockheed Martin Western Development Labs

Street Address: 3200 Zanker Road, Mail Stop B03

P. O. Box 49041

City: San Jose State CA Zip 95161

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)

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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

Kenneth W. Float

Signature

October 30, 1998

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) Use of Higher Order Modulation Techniques to Transmit Information on the Passbands of a Dispersion-Limited Fiber Link 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 _____ as Serial No. _____ ; and

WHEREAS Lockheed Martin Aerospace Corporation, ("Lockheed") having a place of business located at 6801 Rockledge Drive, Bethesda, MD 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 Lockheed, 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>Address</u>
<u>Ralph Spickermann</u> First Inventor	<u>3733 Country Club Drive, Redwood City, CA 94061</u>
<u>Julius Lange</u> Second Inventor	<u>11011 Lucky 4052 Sweet Oak Street, Cupertino, CA 95014</u>
_____ Third Inventor	_____
_____ Fourth Inventor	_____
_____ Fifth Inventor	_____
_____ Sixth Inventor	_____
_____ Seventh Inventor	_____

And for the above consideration, I (we each) agree promptly upon request from Lockheed 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 Lockheed 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 Lockheed.

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

Ralph Spickermann
Inventor's Signature

Julius Lange
Inventor's Signature

Inventor's Signature

Inventor's Signature

Inventor's Signature

Inventor's Signature

Inventor's Signature

OCTOBER 28, 1998
Assignment Execution Date

October 28, 1998
Assignment Execution Date

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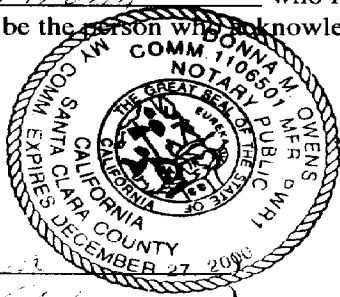
Assignment Execution Date

Assignment Execution Date

STATE OF California)

COUNTY OF Santa Clara) ss.:

BEFORE me this 23rd day of October, 1998, personally appeared Ralph Spickermann 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

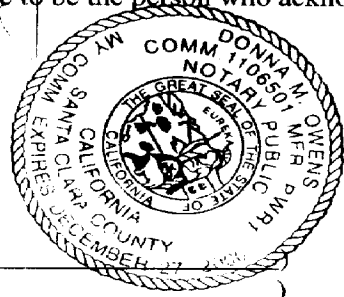


Donna M. Owens
Notary Public

STATE OF California)

COUNTY OF Santa Clara) ss.:

BEFORE me this 25th day of October, 1998, personally appeared Julius Lange 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



Donna M. Owens
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 his free act and deed

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 his free act and deed

Notary Public