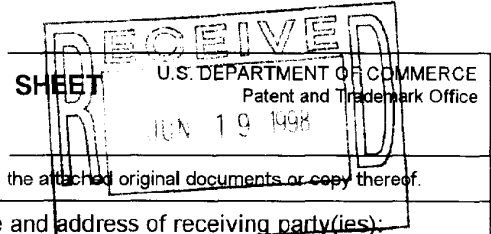


MAD  
6-19-98

07-01-1998

FORM PTO-1595  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)



To the Honorable Commiss.

100753392

the attached original documents or copy thereof.

1. Name of conveying parties:  
Louay Eldada  
Additional name(s) & party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Name: AlliedSignal Inc.  
Internal Address: P.O. Box 2245  
Street Address:  
101 Columbia Road  
City: Morristown State: NJ Zip: 07962  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date: June 15, 1998

4. Application number(s) or patent number(s): 30-4449(4290)  
If this document is being filed together with a new application, the execution date of the application is: June 15, 1998  
A. Patent Application No.(s)  
09,027,026, Filed February 20, 1998  
B. Patent No.(s)  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: John A. Squires  
Internal Address: P.O. Box 2245  
Street Address:  
101 Columbia Road  
City: Morristown State: NJ Zip: 07962

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:  
01-1125

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.*  
John A. Squires \_\_\_\_\_ June 15, 1998  
Name of Person Signing Signature Date  
Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks, Box Assignments

06/29/1998 TTON11 00000210 011125 09027026 Washington, D.C. 20231

01 FC:581 40.00 CH

PATENT  
REEL: 9270 FRAME: 0063

ASSIGNMENT

Assignment before issue of Letters Patent

Allied File 30-4449(4290)

WHEREAS, I. LOUAY ELDADA, resident of Randolph, County of Morris, State of New Jersey respectively, (hereinafter "Assignor") have invented certain new and useful improvements in WAVELENGTH DIVISION MULTIPLEXER/DEMULTIPLEXER OPTICAL DEVICE (hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor on The day(s) and date(s) of these present

AND WHEREAS, AlliedSignal Inc., a corporation organized and existing under the laws of the State of Dclaware, U.S.A., having a place of business at 101 Columbia Road, Morris Township, Morris County, New Jersey, U.S.A., hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries and any United States or foreign LETTERS PATENT that may be granted therefor.

NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is hereby acknowledged, Assignor has assigned, sold and transferred, and does hereby assign, sell and transfer to the said Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of said U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors or assigns, to the full end of the term for which said LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. And Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue said U.S. LETTERS PATENT, when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention hereby assigned, which title Assignor warrants unto the Assignee, and Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the said invention, and for maintaining and perfecting the Assignee's right to said invention and LETTERS PATENT particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 15<sup>th</sup> day of June, 19 98

[Signature]
Louay Eldada

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_

STATE OF New Jersey )  
 ) ss.:  
COUNTY OF Morris )

On this 15<sup>th</sup> day of June, 19 98 before me personally appeared  
Louay Eldada

to me known and known to me to be the individual \_\_\_\_\_ described in and who executed the foregoing instrument,  
and \_\_\_\_\_ he \_\_\_\_\_ acknowledged to me that \_\_\_\_\_ he \_\_\_\_\_ executed the same.

[SEAL]

*Ivy L. Abraham*  
IVY L. ABRAHAM Notary Public  
My commission expires: A NOTARY PUBLIC OF NEW JERSEY

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

My Commission Expires April 1, 2001

On this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_ before me personally appeared

to me known and known to me to be the individual \_\_\_\_\_ described in and who executed the foregoing instrument,  
and \_\_\_\_\_ he \_\_\_\_\_ acknowledged to me that \_\_\_\_\_ he \_\_\_\_\_ executed the same.

[SEAL]

\_\_\_\_\_  
Notary Public  
My commission expires:

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

On this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_ before me personally appeared

to me known and known to me to be the individual \_\_\_\_\_ described in and who executed the foregoing instrument,  
and \_\_\_\_\_ he \_\_\_\_\_ acknowledged to me that \_\_\_\_\_ he \_\_\_\_\_ executed the same.

[SEAL]

\_\_\_\_\_  
Notary Public  
My commission expires:

**Assignment**

LOUAY ELDADA

**TO  
ALLIEDSIGNAL INC.**

**INVENTION:  
WAVELENGTH DIVISION  
MULTIPLIER/DEMULTIPLIER  
OPTICAL DEVICE**

**Patent File: 30-4449(4290)**

AlliedSignal Inc.  
John A. Squires  
101 Columbia Road  
Morristown, NJ 07962