

03-06-2000



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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):  
**Herzel Laor**  
**OPR/FINANCE**  
Additional names(s) of conveying party(ies)  Yes  No

2. Name and address of receiving party(ies):  
Name: **Astarte Fiber Networks, Inc.**  
Address: **2555 55th Street, Suite 100**  
City: **Boulder** State/Prov.: **Colorado**  
Country: **U.S.** ZIP: **80301**  
Additional name(s) & address(es)  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date: **September 15, 1999**

4. Application number(s) or registration numbers(s):  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_  
Patent Application No. Filing date  
**09/092,099** **June 5, 1998**  
Additional numbers  Yes  No

6. Total number of applications and patents involved: **1**  
7. Total fee (37 CFR 3.41):.....\$ **40.00**  
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account  
 Authorized to be charged to deposit account

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: **Kent A. Fischmann, Esq.**  
Registration No. **35,511**  
Address: **Holme Roberts & Owen LLP**  
**1700 Lincoln Street, Suite 4100**  
City: **Denver** State/Prov.: **Colorado**  
Country: **U.S.** ZIP: **80203**

8. Deposit account number:  
**08-2665**

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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.*  
**Kent A. Fischmann, Esq.** *Kent A. Fischmann* **Jan. 21, 2000**  
Name of Person Signing Signature Date  
Total number of pages including cover sheet, attachments, and **2**

# ASSIGNMENT

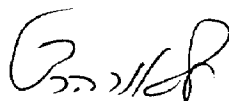
WHEREAS, I, Herzel Laor of 2050 Hillside Cir., Boulder, Colorado 80303, have invented a certain new and useful invention entitled "COMPACT OPTICAL MATRIX SWITCH WITH FIXED LOCATION FIBERS" for which an application for Letters Patent of the United States was prepared and filed on June 5, 1998, accorded Serial No. 09/092,099, and further identified as Attorney File No. 42783-00510;

NOW THEREFORE, be it known that I, the said inventor, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Astarte Fiber Networks, Inc. a Colorado corporation having a place of business at 2555 55<sup>th</sup> Street, Suite 100, Boulder, Colorado 80301, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; I also assign any right, title or interest in and to the said invention which has not already been transferred to the assignee, I warrant that I have made no assignment of the invention, application or patent therefor to a party other than Astarte Fiber Networks, Inc. and I am under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Astarte Fiber Networks, Inc. its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date: 9 - 15 - 99

By:   
Herzel Laor