

08-23-2002

FORM PTO-1595 (Modified)  
(Rev. 03-01)  
OMB No. 0651-0027 (exp.5/31/2002)  
P08/REV03

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): **Rong C. Fang**  
**FINANCE SECTION**  
*18-21-02*  
Additional names(s) of conveying party(ies)  Yes  No

2. Name and address of receiving party(ies):  
Name: **Tellabs Operations, Inc.**  
Internal Address:  
Street Address: **1415 West Diehl Road**  
City: **Naperville** State: **IL** ZIP: **60563**  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date: **July 23, 2002**

4. Application number(s) or patent numbers(s):  
If this document is being filed together with a new application, the execution date of the application is:  
A. Patent Application No.(s)  
**10/154,422**  
Additional numbers attached?  Yes  No

B. Patent No.(s)  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: **Paul M. Vargo, Welsh & Katz, Ltd.**  
Internal Address:  
Street Address: **120 South Riverside Plaza**  
**22nd Floor**  
City: **Chicago** State: **IL** ZIP: **60606**

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  
8. Deposit account number:  
**23-0920**  
(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.*  
**Paul M. Vargo, Reg. No. 29,116** *[Signature]* **August 15, 2002**  
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 & Trademarks, Box Assignments

08/22/2002 00000165 10154422  
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# Assignment

Serial No. 10/154,422

Filed May 23, 2002

**FOR** good and valuable consideration, the receipt of which is hereby acknowledged, the entire right, title and interest in the invention or improvements of the undersigned in Virtual Protection Channel For Fiber Optic Ring Network and in the application for Letters Patent of the United States therefor, having a serial number and a filing date stated above, and in any continuation, division, reissue or extension of any Letters Patent that may be granted upon said application are hereby assigned by the undersigned to Tellabs Operations, Inc., a Delaware Corporation and the heirs, successors, legal representatives and assigns of Tellabs Operations, Inc., hereinafter collectively called said Assignee, and the Commissioner of Patents and Trademarks is hereby authorized and requested by the undersigned to issue said Letters Patent to said Assignee.

**For said consideration** it is hereby agreed by the undersigned, upon the request of said Assignee, to execute any necessary and proper oaths or affidavits relating to said application or required for the filing or prosecution of any divisional or continuing application thereof or for the filing or prosecution of any application for the reissue or extension of any Letters Patent that may be granted on said invention or improvements that said Assignee may deem necessary or expedient, and for the said consideration it is further agreed by the undersigned, upon the request of said Assignee, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said Assignee in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, and further to perform, upon such request, any and all affirmative acts to obtain said Letters Patent and vest all rights therein hereby conveyed in the said Assignee as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made. And for the said consideration the entire right, title and interest in said invention or improvements, including all priority rights, and the right to claim priority rights and the privileges and benefits thereof, including those under the International Convention, and all other Conventions, and the right to file applications for patent in said Assignee's own name for said invention or improvements in each and every country of the world are hereby assigned and granted by the undersigned to said Assignee. It is further agreed by the undersigned, upon the request of said Assignee, to execute any and all documents that shall be required of the undersigned to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said Assignee. The undersigned also further agrees, for the said consideration, upon the request of said Assignee, to promptly perform all lawful acts deemed by said Assignee to be necessary or advisable in connection with maintaining, enforcing, or transferring the

resulting grants of said Letters Patent in the United States or foreign countries. It is agreed that such lawful acts include, but are not limited to, taking oaths, executing declarations, powers, assignments and other papers and giving testimony. The attorneys of record in such application for patent are hereby authorized and requested by the undersigned to insert in this Assignment the date and serial number thereof in the places provided therefor.

Rong C. Fang (Seal)  
Rong C. Fang

State of Illinois )  
County of DuPage ) ss.

On July 23, 2002, Rong C. Fang appeared before me, a Notary Public in and for the State and County aforesaid, and acknowledged that he freely and voluntarily subscribed and executed the foregoing Assignment for the purposes and uses therein expressed.

(SEAL) Laura J. Hartman  
Notary Public

My Commission Expires: June 3, 2004

