

## RECORDATION FORM COVER SHEET

## PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

Attorney Docket No. 1003

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):

Matthew X. Ma  
Franklin W. Kerfoot III  
Mark D. Tremblay  
Wolfgang Schlosser

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

Name: Tyco Telecommunications (US) Inc.

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

Street Address: 60 Columbia Road

City: Morristown State: NJ Zip: 07960

Additional name(s) & address(es) attached? ☐ Yes ☒ NoAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

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

Execution Date: 7/7/03; 6/30/03; 5/29/03 &amp; 6/25/03

## 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: \_\_\_\_\_

A. Patent Application No.(s)

09/534,580

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Laura Fish

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

Tyco Telecommunications (US) Inc.

Street Address: 250 Industrial Way West

City: Eatontown State: NJ Zip: 07724

## 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:

50-0309

(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.

John P. Maldjian, Reg. No. 41,967

Name of Person Signing

Signature

July 11, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 6

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

700036048

PATENT  
REEL: 013790 FRAME: 0636

CH \$40.00 600309 09634680

**ASSIGNMENT**

WHEREAS, We, the below named inventors, hereinafter referred to as Assignors, have made an invention entitled:

**OPTICAL FIBER TRANSMISSION SYSTEM  
WITH NOISE LOADED IDLER CHANNELS**

for which We executed an application for United States Letters Patent Serial No. 09/534,580 filed March 27, 2000;

WHEREAS, Tyco Telecommunications (US) Inc., a corporation of Delaware whose post office address is 60 Columbia Road, Morristown, New Jersey 07960 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, We, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

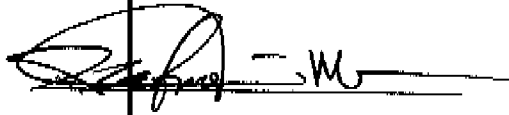
AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional,

continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

County of Monmouth )  
 ) ss.  
State of New Jersey )

Matthew X. Ma  
39 Waterford Avenue  
Morganville, NJ 07751



Dated: Jul 7 03

Subscribed and sworn to before me  
this 7<sup>th</sup> day of July, 2003.

Laura Fish, Notary Public

**Laura Fish**  
**Notary Public**  
**State of New Jersey**  
**My Commission Expires On June 25, 2006**

County of Monmouth )  
 ) ss.  
State of New Jersey )

Franklin W. Kerfoot III  
52 Jean Terrace  
Red Bank, NJ 07701

Franklin W. Kerfoot III

Dated: June 30, 2003

Subscribed and sworn to before me  
this 30<sup>th</sup> day of June, 2003.

Laura Fish, Notary Public

**Laura Fish**  
**Notary Public**  
**State of New Jersey**  
**My Commission Expires On June 25, 2006**

County of Monmouth )  
State of New Jersey ) ss.

Mark D. Tremblay  
1305 Gully Road  
Neptune, NJ 07753

Mark D. Tremblay

Dated: 5/29/03

SEAL

Subscribed and sworn to before me  
this 29 day of MAY, 2003.

Mildred S. Conover, Notary Public

MILDRED S. CONOVER  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 4/22/2007

County of Monmouth )  
State of New Jersey ) ss.

Wolfgang Schlosser  
34 Buttonwood Drive  
Fair Haven, NJ 07704

Wolfgang Schlosser

Dated: 6/25/2003

Subscribed and sworn to before me  
this 25 day of June, 2003.

Laura Fish, Notary Public

**Laura Fish  
Notary Public  
State of New Jersey  
My Commission Expires On June 25, 2006**