

FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

M&amp;G-60136.0010USU1

RECORDATION FORM COVER SHEET  
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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

1. Name of conveying party(ies):

Mark E. Zirnheld  
Karl Benedict  
Michael A. Jaskowiak  
Randall E. Barnes  
Karol J. Wojcik  
Mark R. Boomer  
Michael D. Graves

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

Cox Communications, Inc.  
1400 Lake Hearn Drive  
Atlanta, Georgia 30319

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

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

Execution Date: January 11, 2006, January 11, 2006, January 11,  
2006, January 11, 2006, January 11, 2006, January 11, 2006,  
January 11, 2006

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)

B. Patent No.(s)

11/282,490

Additional numbers attached? ☐ Yes ☒ No

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

Name: D. Kent Stier  
Address: Merchant & Gould P.C.  
P.O. Box 2903  
Minneapolis, MN 55402-0903

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. Please charge any additional fees or credit any  
overpayments to our Deposit account number: 13-2725


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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.

D. Kent Stier, Reg. No. 50,640

Name of Person Signing



Signature

February 8, 2006

Date

Total number of pages including cover sheet, attachments, and document: 4

DKS:ndb

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

Mail Stop Assignment Recordation Services  
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Alexandria, VA 22313-1450

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PATENT TRADEMARK OFFICE

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PATENT  
REEL: 017241 FRAME: 0377

CH \$40.00 132725 11282490

M&G: 60136.0010USU1

### ASSIGNMENT

WHEREAS, we, Mark E. Zimheld, residing at 3004 Edinburgh Drive, Virginia Beach, Virginia 23452, Karl Benedict, residing at 3549 Purebred Drive, Virginia Beach, Virginia 23453, Michael A. Jaskowiak, residing at 3613 Criollo Drive, Virginia Beach, Virginia 23453, Randall E. Barnes, residing at 5809 Townley Avenue, Norfolk, Virginia 23518, Karol J. Wojcik, residing at 617 Kings Grant Road, Virginia Beach, Virginia 23452, Mark R. Boomer, residing at 917 Hanover Driver, Virginia Beach, Virginia 23464, and Michael D. Graves, residing at 101 Long Pine Road, South Mills, North Carolina 27976, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on November 18, 2005, which is entitled System and Method for Bypassing a Faulty Node in an Optical Network.

AND WHEREAS, Cox Communications, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 1400 Lake Hearn Drive, Atlanta, Georgia 30319 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to

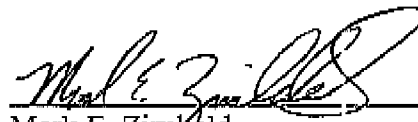
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the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

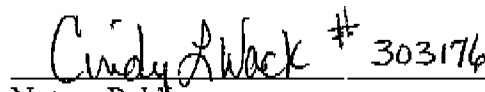
IN TESTIMONY WHEREOF, I have hereunto set my hand this 11 day of January, 2006.

  
Mark E. Zirnheld

STATE OF VIRGINIA )  
City ) ss.  
COUNTY OF VA Beach )

On this 11<sup>th</sup> day of JANUARY, 2006, before me personally appeared Mark E. Zirnheld to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

  
Notary Public # 303176  
Expires 06/30/09

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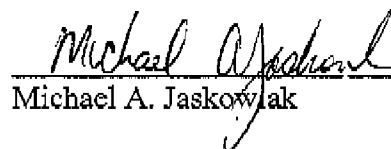
IN TESTIMONY WHEREOF, I have hereunto set my hand this 11 day ofJanuary, 2006.

Karl Benedict

STATE OF Virginia )  
City ) ss.  
COUNTY OF VA Beach )

On this 11<sup>th</sup> day of JANUARY, 2006, before me personally appeared Karl Benedict to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Cindy L. Black # 303176  
Notary Public  
Expires 06/30/09IN TESTIMONY WHEREOF, I have hereunto set my hand this 11 day ofJanuary, 2006.

Michael A. Jaskowiak

STATE OF VA Beach )  
City ) ss.  
COUNTY OF VA Beach )

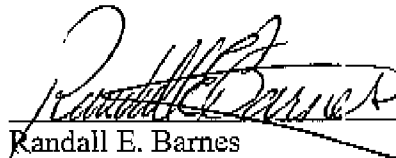
On this 11<sup>th</sup> day of JANUARY, 2006, before me personally appeared Michael A. Jaskowiak to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Cindy L. Black # 303176  
Notary Public  
Expires 06/30/09

M&amp;G: 60136.0010USU1

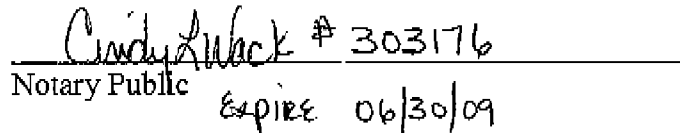
IN TESTIMONY WHEREOF, I have hereunto set my hand this 11 day of  
1/11, 2006

  
Randall E. Barnes

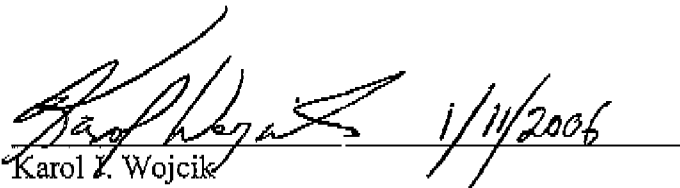
STATE OF Virginia )  
City ) ss.  
COUNTY OF VA Beach )

On this 11<sup>th</sup> day of JANUARY, 2006, before me personally appeared  
Randall E. Barnes to me known and known to me to be the person described in and who  
executed the foregoing instrument, and he duly acknowledged to me that he executed the same  
for the uses and purposes therein set forth.

[SEAL]

 # 303176  
Notary Public expires 06/30/09

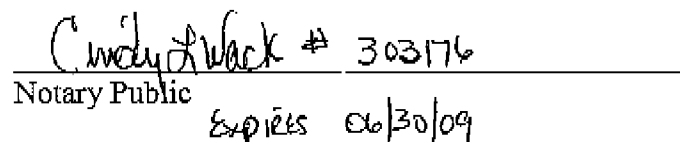
IN TESTIMONY WHEREOF, I have hereunto set my hand this 11 day of  
January, 2006.

 1/11/2006  
Karol J. Wojcik

STATE OF Virginia )  
City ) ss.  
COUNTY OF VA Beach )

On this 11<sup>th</sup> day of JANUARY, 2006, before me personally appeared  
Karol J. Wojcik to me known and known to me to be the person described in and who executed  
the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses  
and purposes therein set forth.

[SEAL]

 # 303176  
Notary Public expires 06/30/09

M&amp;G: 60136.0010USU1


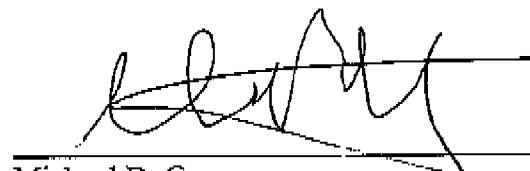
IN TESTIMONY WHEREOF, I have hereunto set my hand this 11 day ofJanuary, 2006

Mark R. Boomer

STATE OF Virginia )  
City ) ss.  
COUNTY OF VA Beach )

On this 11<sup>th</sup> day of JANUARY, 2006, before me personally appeared Mark R. Boomer to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]


  
Notary Public # 303176  
expires 06/30/09IN TESTIMONY WHEREOF, I have hereunto set my hand this 11 day ofJANUARY, 2006

Michael D. Graves

STATE OF Virginia )  
City ) ss.  
COUNTY OF VA Beach )

On this 11<sup>th</sup> day of JANUARY, 2006, before me personally appeared Michael D. Graves to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

  
Notary Public # 303176  
expires 06/30/09