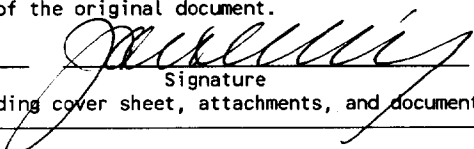
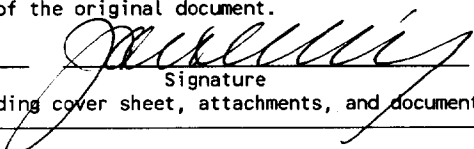
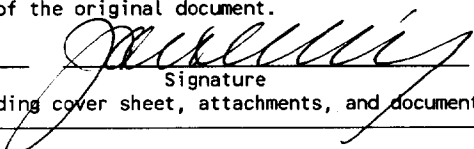


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12-21-98

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To the Honorable Commissioner of Patents and Trademarks, or copy thereof.		Attached original documents									
<p>1. Name of conveying party(ies):</p> <p>Metropolitan Communication Authority, Inc.</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>Metropolitan Communications Consultants, L.L.C.</u></p> <p>Internal Address: <u>P.O. Box 1744</u></p> <p>Street Address: <u>1400 First Interstate Plaza</u></p> <p>City <u>Tacoma</u> State <u>WA</u> ZIP <u>98401</u></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>									
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: <u>December 10, 1998</u></p>		1998 DEC 21 AM 10:30 OPR/FINANCE									
<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is: _____.</p> <table border="1"><tr><td>A. Patent Application No.(s)</td><td>B. Patent No.(s)</td></tr><tr><td></td><td><u>5,418,878</u></td></tr><tr><td colspan="2">Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</td></tr></table>			A. Patent Application No.(s)	B. Patent No.(s)		<u>5,418,878</u>	Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
A. Patent Application No.(s)	B. Patent No.(s)										
	<u>5,418,878</u>										
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No											
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Jacob E. Vilhauer, Jr.</u></p> <p>Internal Address: <u>Chernoff, Vilhauer</u> <u>McClung &amp; Stenzel</u></p> <p>Street Address: <u>600 Benj. Frank. Plz</u> <u>One S.W. Columbia</u></p> <p>City <u>Portland</u> State <u>OR</u> Zip <u>97258</u></p>		<p>6. Total number of applications and patents involved: <u>[1]</u></p> <p>7. Total fee (37 CFR 3.41 and 1.21(h))---\$40.00</p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit Account No. <u>03-1550</u></p>									
DO NOT USE THIS SPACE											
<p>9. Statement and signature.</p> <p>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.</p> <table border="0"><tr><td><u>Jacob E. Vilhauer, Jr.</u></td><td></td><td><u>December 17, 1998</u></td></tr><tr><td>Name of Person Signing</td><td>Signature</td><td>Date</td></tr><tr><td colspan="3">Total number of pages including cover sheet, attachments, and document: <u>[ ]</u></td></tr></table>			<u>Jacob E. Vilhauer, Jr.</u>		<u>December 17, 1998</u>	Name of Person Signing	Signature	Date	Total number of pages including cover sheet, attachments, and document: <u>[ ]</u>		
<u>Jacob E. Vilhauer, Jr.</u>		<u>December 17, 1998</u>									
Name of Person Signing	Signature	Date									
Total number of pages including cover sheet, attachments, and document: <u>[ ]</u>											
<p>Do not detach this portion</p> <p>Mail documents to be recorded with required cover sheet information to:</p> <p>Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231</p> <p>Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503.</p>											

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REEL: 9648 FRAME: 0414

ASSIGNMENT

WHEREAS, METROPOLITAN COMMUNICATION AUTHORITY, INC., a Washington corporation, is the owner of record of the invention which is the subject of United States Letters Patent No. 5,418,878 granted May 23, 1995 for "Multi-Mode Communications Cable Having a Coaxial Cable With Twisted Electrical Conductors and Optical Fibers"; and

WHEREAS, METROPOLITAN COMMUNICATIONS CONSULTANTS, L.L.C., a Washington limited liability company, is desirous of acquiring the ownership of said invention and said patent;

NOW, THEREFORE, in consideration of the sum of One (\$1.00) Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, said METROPOLITAN COMMUNICATION AUTHORITY, INC. does hereby sell, assign, convey and transfer unto the said METROPOLITAN COMMUNICATIONS CONSULTANTS, L.L.C. all of the right, title and interest in and to the said invention for the United States and all foreign countries and any patent applications and letters patent issued or to be issued therefor in the United States and all foreign countries, including the above-identified letters patent, and including all divisions, continuations, continuations-in-part, improvements, reissues or extensions that may be made or granted thereon, and further including all claims for damages by reason of past infringement of said letters patent, with the right to sue for and collect the same, the same to be held and enjoyed by the said METROPOLITAN COMMUNICATIONS CONSULTANTS, L.L.C. for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives, to the end of the term or terms for which said letters patent are or may be granted or reissued.

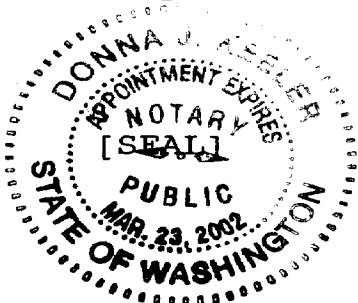
DATED this 10<sup>th</sup> day of December, 1998.

METROPOLITAN COMMUNICATION  
AUTHORITY, INC.

By F. Paul Carlson  
F. Paul Carlson  
Managing Director

STATE OF WASHINGTON )  
County of Pierce ) ss.

This instrument was acknowledged before me on 10 December 1998 by F. Paul Carlson as Managing Director of Metropolitan Communication Authority, Inc.



Donna J. Keeler  
Notary Public for Washington

My Commission Expires: 23 March 2002