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Steven S. SHEN, Brian G. RISCH

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 yes no

2. Name and address of receiving party(ies)?
ALCATEL
54, rue La Boetie
75008 Paris, FRANCE

Additional name(s) & address(es) attached?
 yes no



3. Nature of Conveyance:
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Execution Date: January 5, 2001

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)/Confirmation No.(s)
09/671,747 /Not Yet Known
B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

6. Total number of applications and registration involved:
1

7. Total Fee (37 CFR 3.41): \$40.00
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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.

Brian W. Hannon Reg. No. 32,778

January 29, 2001
Date

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PATENT
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Assignment


Whereas, We, STEVEN X. SHEN of Hickory, North Carolina and BRIAN G. RISCH of Hickory, North Carolina, respectively, hereinafter called assignors, have invented certain improvements in OPTICAL DROP CABLE FOR AERIAL INSTALLATION and executed an application for Letters Patent of the United States of America therefor on _____; and

Whereas, ALCATEL, 54, rue La Boetie, 75008 Paris, FRANCE (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

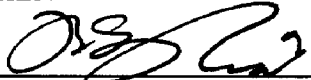
Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, and we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

We hereby authorize and request our attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 09/671,747, filed September 28, 2000) the filing date and application number of said application when known.

Date: 01/25/01 

s/STEVEN X. SHEN

Date: 1-5-2001 

s/BRIAN G. RISCH

Date: _____
s/

Date: _____
s/

Date: _____
s/

Date: _____
s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

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