

06-02-2004

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(Rev. 10/02)

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102756545

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To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Olaf STORAASLI  
Ray LOVIE  
Bob OVERTON  
Jeff BARKER  
Charles J. WELNACK  
Terry HOLSHOUSER, Sr.  
  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
ALCATEL  
54, rue La Boetie  
75008 Paris, FRANCE  
  
15364 U.S.P.T.O.  
10/851404  
052404

5-24-04

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: May 20 and 21, 2004

Additional name(s) & address(es) attached?  Yes  No

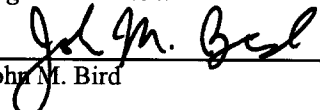
4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: May 20 and 21, 2004  
A. Patent Application No.(s) \_\_\_\_\_ B. Patent No.(s) \_\_\_\_\_  
Additional numbers attached?  Yes  No

10851404

5. Name and address of party to whom correspondence concerning document should be mailed:  
SUGHRUE MION, PLLC  
WASHINGTON OFFICE  
23373  
CUSTOMER NUMBER

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 No. 19-4880.  
The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said 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.*  
  
John M. Bird Reg. No. 46,027 May 24, 2004 Date

Total number of pages including cover sheet, attachments, and documents: 4  
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06/01/2004 MGETACHE 00000143 10851404

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40.00 DP

PATENT  
REEL: 015383 FRAME: 0231

## Assignment


Whereas, I/We, Olaf STORAASLI, Ray LOVIE, Bob OVERTON, Jeff BARKER, Charles J. WELNACK, Terry HOLSHOUSER, Sr. of Hickory, North Carolina, Hickory, North Carolina, Lenoir, North Carolina, Statesville, North Carolina, Cave Creek, Arizona, Lexington, Missouri, respectively, hereinafter called assignor(s), have invented certain improvements in GROOVE CABLE and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and

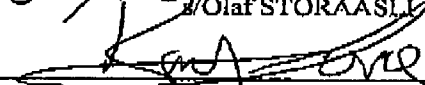
Whereas, ALCATEL, 54, rue La Boetie, 75008 Paris, FRANCE (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;


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


I/We, the above named assignor(s), 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 I/we request the Director of the 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 I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/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.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the application number and filing date of said application when known.

Date:  5/20/04  
s/Olaf STORAASLI

Date:  5/20/04  
s/Ray LOVIE

Date:  05/20/04  
s/Bob OVERTON

Date:  5/20/04  
s/Jeff BARKER

Date: \_\_\_\_\_  
s/Charles J. WELNACK

Date: \_\_\_\_\_  
s/Terry HOLSHOUSER, Sr.

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

## Assignment

Whereas, I/We, Olaf STORAASLI, Ray LOVIE, Bob OVERTON, Jeff BARKER, Charles J. WELNACK, Terry HOLSHOUSER, Sr. of Hickory, North Carolina, Hickory, North Carolina, Lenoir, North Carolina, Statesville, North Carolina, Cave Creek, Arizona, Lexington, Missouri, respectively, hereinafter called assignor(s), have invented certain improvements in GROOVE CABLE 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,

I/We, the above named assignor(s), 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 I/we request the Director of the 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 I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/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.

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Date:

\_\_\_\_\_  
s/Olaf STORAASLI

Date:

\_\_\_\_\_  
s/Ray LOVIE


Date:

\_\_\_\_\_  
s/Bob OVERTON

Date:

\_\_\_\_\_  
s/Jeff BARKER

Date:

2/22/2004   
s/Charles J. WELNACK

Date:

\_\_\_\_\_  
s/Terry HOLSHOUSER, Sr.

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

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

I/We, the above named assignor(s), 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 I/we request the Director of the 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 I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/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.

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s/Olaf STORAASLI

Date:

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s/Ray LOVIE

Date:

\_\_\_\_\_  
s/Bob OVERTON

Date:

\_\_\_\_\_  
s/Jeff BARKER

Date:

\_\_\_\_\_  
s/Charles J. WELNACK

Date:

  
\_\_\_\_\_  
s/Terry HOLSHOUSER, Sr.

5/21/04

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