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VERSTRAETEN, Silvio TARABORRELLI  
  
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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?  
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Execution Date: May 3, 2001

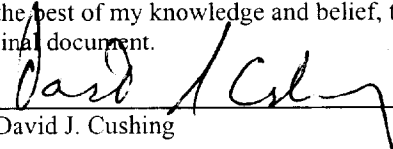
4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is:  
A. Patent Application No.(s)/Confirmation No.(s)  
09/855,496 /9424  
Additional numbers attached?  Yes  No

B. Patent No.(s)  
406  
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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  
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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.  
  
David J. Cushing Reg. No. 28,703 August 13, 2001 Date

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# Assignment

Whereas, I/We, (names of inventors and addresses - city and country), respectively, hereinafter called assignor(s), have invented certain improvements in

## MULTIPLIER ARRANGEMENT, SIGNAL MODULATOR AND TRANSMITTER

and executed an application for Letters Patent of the United States of America therefor on May 3, 2001 and

Whereas, ALCATEL, 54 rue La Boétie, F-75008 PARIS FRANCE

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, including the right to claim priority under 35 U.S.C. §119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3212 to insert here in parentheses (Application number 09/855,496, filed 5/16/01) the filing date and application number of said application when known.

Date: May 3, 2001 Joannes Mathilda Josephus Sevenhans  
s/ Joannes Mathilda Josephus Sevenhans

WA 11

Date: May 3, 2001 Bart Verstraete  
s/ Bart Verstraeten

Date: May 3, 2001 S. Silvio Taraborrelli  
s/ Silvio Taraborrelli

Date: \_\_\_\_\_  
s/

Date: \_\_\_\_\_  
s/

Date: \_\_\_\_\_  
s/

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