

12-27-2004



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Tim VERMEIREN  
Hans Maurice Felix Corneel DEQUEKER  
Peter VANDAELE  
Paul CAUTEREELS  
Patrick Albert Paul RENAUX  
Lajos KISS

2. Name and address of receiving party(ies):  
ALCATEL  
54, rue la Boetie  
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Execution Date: November 5, 2004

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: November 5, 2004

A. Patent Application No.(s) Not yet assigned	B. Patent No.(s) Not yet assigned
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Additional numbers attached?  Yes  No

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

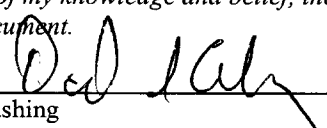
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\_\_\_\_\_  
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\_\_\_\_\_  
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**PATENT**  
**REEL: 016090 FRAME: 0990**

Assignment

Whereas, I/We, François Pierre Constant FREDRIX, Tim GYSELINGS, Tim VERMEIREN, Hans Maurice Felix Corneels DEQUEKER, Peter VANDAELE, Paul CAUTEREELS, Patrick Albert Paul RENAUX, Lajos KISS, respectively of Bagattenstraat 52, B-9000 Gent, Belgium; Van Havrelei 55, B-2100 Deurne, Belgium; Van Hessedreef 78, B-9240 Zele, Belgium; Dorenstraat 207, B-3020 Herent, Belgium; Gontrodestraat 87, B-9050 Gentbrugge, Belgium; V. De Witstraat 51, B-2880 Hingene, Belgium; 31 Avenue de l'Université, B-1050 Brussels; Belgium and Gladiolenstraat 9, B-2610 Wilrijk, Belgium hereinafter called assignor(s), have invented certain improvements in

SYSTEM COMPRISING A TERMINAL SYSTEM, AN ACCESS MULTIPLEXER AND A NETWORK  
and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and

Whereas, ALCATEL  
54, rue la Boétie  
F-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, including the right to claim priority under 35 U.S.C. §119, 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 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, 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 :

November 5, 2004 s/ François Pierre Constant FREDRIX *François Pierre Constant Fredrix*

Date :

November 5, 2004 s/ Tim GYSELINGS *Tim Gyselings*

Date :

November 5, 2004 s/ Tim VERMEIREN *Tim Vermeiren*

Date :

November 5, 2004 s/ Hans Maurice Felix Corneel DEQUEKER *Hans Maurice Felix Corneel Dequeker*

Date :

November 5, 2004 s/ Peter VANDAELE *Peter Vandaele*

Date :

November 5, 2004 s/ Paul CAUTEREELS *Paul Cautereels*

Date :

November 5, 2004 s/ Patrick Albert Paul RENAUX *Patrick Albert Paul Renaux*

Date :

November 5, 2004 s/ Lajos KISS *Lajos Kiss*

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