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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Alain PENDERS

Additional name(s) of conveying party(ies) attached?
 yes no

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

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



3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Names
 Other

Execution Date: September 9, 1999

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)
09/354,161
Additional numbers attached? Yes No

6. Total number of applications and registration involved:
1

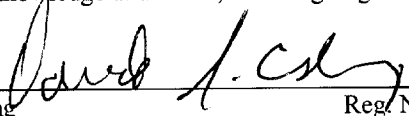
5. Name and address of party to whom correspondence concerning document should be mailed:
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

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

David J. Cushing  Reg. No. 28,703
Date: OCT 18 1999

TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

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med 10-1-99

Assignment

Whereas, ~~I/We~~ Alain Penders, Diepenbeek Belgium

XX
07

hereinafter called assignor(s), have invented certain improvements in Method to provide authorization, a certifying authority, a terminal, a service provider and a certificate realizing such a method and a telecommunication network comprising such a certifying authority, such a terminal, such a service provider and and executed an application for Letters Patent of the United States of America therefor on September 9, 1999 ; and such a certificate.

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 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 my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number 09/354,161, filed July 16, 1999) the filing date and application number of said application when known.

Date: September 9, 1999 s/ Alain Penders
 (Alain PENDERS)

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)