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(Rev. 10/02)

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102648389

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):

Helmut PREISACH

1-8-04

2. Name and address of receiving party(ies):

ALCATEL  
54, rue la Boetie  
75008 Paris, FRANCE

22387 U.S. PTO  
10752597  
010804

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
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Execution Date: July 10, 2003

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: July 10, 2003

A. Patent Application No.(s)

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, PLLC  
WASHINGTON OFFICE  
23373  
CUSTOMER NUMBER

6. Total number of applications and patents involved:

1

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

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- Authorized to be charged to Deposit Account No. 19-4880.

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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

January 8, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 2

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PATENT  
REEL: 014879 FRAME: 0846

## Assignment

Whereas, I/We, Helmut PREISACH of Besigheim, Germany hereinafter called assignor(s), have invented certain improvements in

Electrical Space Switching Matrix

and executed an application for Letters Patent of the United States of America therefor on July 10, 2003; and

Whereas,

ALCATEL

54, rue La Boétie

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 – 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 January 8, 2004) the filing date and application number of said application when known.

Date: July 10, 2003

  
\_\_\_\_\_  
s/Helmut PREISACH

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