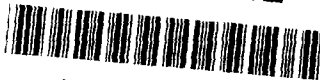


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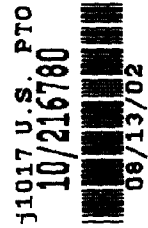
1. Name of conveying party(ies):

Thierry ZAMI  
Denis PENNINCKX

8/13/02

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

ALCATEL  
54, rue La Boetie  
75008 Paris, FRANCE



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

3. Nature of conveyance:

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A. Patent Application No.(s)

B. Patent No.(s)

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10/216780

5. Name and address of party to whom correspondence concerning document should be mailed:

SUGHRUE MION, PLLC  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-3213

6. Total number of applications and patents involved:

1

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

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**PATENT**  
**REEL: 013197 FRAME: 0341**

# Assignment

Whereas I/We - Thierry ZAMI  
- Denis PENNINCKX

hereinafter called assignor(s), have invented certain improvements in

and executed an application for Letters Patent of the United States of America therefor identified by Attorney Docket No. **103819/ES/OTND**

Whereas, ALCATEL  
54, rue la Boétie  
75008 PARIS  
FRANCE

hereinafter called 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, NW, Washington, DC 20037-3202 to insert here in parentheses (Application number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date :  
July 2, 2002

S/

  
\_\_\_\_\_  
Thierry ZAMI

Date :  
July 2, 2002

S/

  
\_\_\_\_\_  
Denis PENNINCKX

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

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