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Carlos DE BARROS
Marianne MOLINA
Isabelle Riant

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

2. Name and address of receiving party(ies):
ALCATEL
54, rue la Boetie
75008 Paris, France

Additional name(s) & address(es) attached? Yes No

17302 U.S. PTO
10/869882
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3. Nature of conveyance:
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Execution Date: May 20, 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: May 20, 2004
A. Patent Application No.(s)
10/869882
Additional numbers attached? Yes No

B. Patent No.(s)

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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David J. Cushing Reg. No. 28,703 June 18, 2004 Date

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Assignment

Whereas I/We - Carlos DE BARROS
- Marianne MOLINA
- Isabelle RIANI

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. **104559/RF/OCD**

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, PLLC 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 : May 20, 2004

S/



Carlos DE BARROS

Date : May 20, 2004

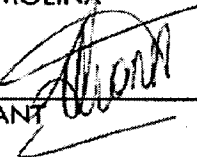
S/



Marianne MOLINA

Date : May 20, 2004

S/



Isabelle RIANI

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