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1. Name of conveying party(ies):
Cyril MANGENOT, Yann CAILLOCE, Jacques MAUREL

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



3. Nature of Conveyance:
 Assignment Merger
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 Other

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 yes no

Execution Date: October 17 and 23, 2000

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: October 17 and October 23, 2000

A. Patent Application No.(s)

B. Patent No.(s)

09/730832

Additional numbers attached? Yes No

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

6. Total number of applications and registration involved:
1

7. Total Fee (37 CFR 3.41): \$40.00
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PATENT
REEL: 011349 FRAME: 0146

Assignment

Whereas I/We - Cyril MANGENOT
- Yann CAILLOCE
- Jacques MAUREL

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

A RADIATING SOURCE FOR A TRANSMIT AND RECEIVE ANTENNA INTENDED TO BE
INSTALLED ON BOARD A SATELLITE

and executed an application for Letters Patent of the United States of America therefor identified by
Attorney Docket No. **102328/BM/SPD**

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.

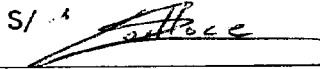
I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS
of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3202 to insert here in parentheses
(Application number _____, filed _____) the filing date and application
number of said application when known.

Date : 24/10/2000



Cyril MANGENOT

Date : 17/10/2000



Yann CAILLOCE

Date : 23/10/2000

S/

Jacques MAUREL



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