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1. Name of conveying party(ies):
Patrick SAVELLI, Christian MASSY
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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
 Security Agreement Change of Names
 Other

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Execution Date: August 22, 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:
A. Patent Application No.(s)
09/645,360
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, 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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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.
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Mail documents to be recorded with required cover sheet information to:
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(40.00 00)

Assignment

Whereas I/We Patrick SAVELLI
Christian MASSY

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

PHASE-LOCKED LOOP FREQUENCY SYNTHESIZER

and executed an application for Letters Patent of the United States of America therefor identified by Attorney Docket No. **102100/SH/MPD**

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.

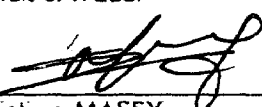
I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3202 to insert here in parentheses (Application number 09/645,360, filed August 25, 2000) the filing date and application number of said application when known.

Date : 22/08/2000 S/



Patrick SAVELLI

Date : 22/08/00 S/



Christian MASSY

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

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RECORDED: 11/02/2000

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