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Andre MARGUINAUD, Pierre BERTRAND

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☐ yes☒ no

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☒ Assignment☐ Merger☐ Security Agreement☐ Change of Names☐ Other

Execution Date: November 23 and 14, 2000

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

ALCATEL

54, rue La Boetie

75008 Paris, France



Additional name(s) &amp; address(es) attached?

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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)/Confirmation No.(s)

09/714,167 / 4577

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, ZINN, MACPEAK & SEAS, PLLC  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-32136. 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.

David J. Cushing

Reg. No. 28,703

March 6, 2001

Date

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PATENT  
REEL: 11576 FRAME: 0986

# Assignment

Whereas I/We                   - André MARGUINAUD  
                                  - Pierre BERTRAND

hereinafter called assignor(s), have invented certain improvements in "METHOD OF ESTIMATING THE CARRIER FREQUENCY OF A PHASE-MODULATED DIGITAL SIGNAL"

and executed an application for Letters Patent of the United States of America therefor identified by Attorney Docket No. **102197/SM/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;

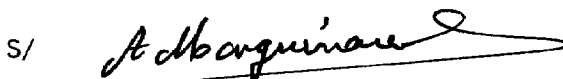
Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

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 09/714,167 , filed November 17, 2000) the filing date and application number of said application when known.

Date :    23-11-00

S/



André MARGUINAUD

Date :    14/11/2000

S/



Pierre BERTRAND

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

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