

Form PTO-1595
1-31-92



12-30-1999



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To the Assistant Commissioner of Patents, a true copy of the original documents or copy thereof.

1. Name of conveying party(ies):
Franck MALLECOT, Christine CHAUMONT, Arnaud LEROY, Antonina PLAIS, Hisao NAKAJIMA

Additional name(s) of conveying party(ies) attached?
 yes no

2. Name and address of receiving party(ies)?
ALCATEL, FRANCE TELECOM
54, rue La Boétie
75008, Paris, France

and
France Telecom
6, Place D'Alleray
75015 Paris, France

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Names
 Other

Execution Date: November 22, 26, 25, 23, and December 1, 1999

Additional name(s) & address(es) attached?
 yes no

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)
09/411,981

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. 20037-3213

6. Total number of applications and registration involved:
1

7. Total Fee (37 CFR 3.41): \$40.00
 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.
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9. Statement and Signature.
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.

Alan J. Kasper
Alan J. Kasper
for David J. Cushing

Reg. No. 25,426
for Reg. No. 28,703

December 27, 1999
Date

TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover sheet information to:
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PATENT
REEL: 010456 FRAME: 0704

Assignment

Whereas, We, Franck MALLECOT, of Montrouge, France, Christine CHAUMONT, of Villejuif, France, Arnaud LEROY, of Paris, France, Antonina PLAIS of Paris, France and Hisao NAKAJIMA of Bagnoux, France hereinafter called assignors, have invented certain improvements in

MULTI-SECTION ELECTRO-OPTICAL, MONOLITHIC COMPONENT

and executed an application for Letters Patent of the United States of America therefor on November 22, 26, 25, 23 and December 1, 1999 ; and
Whereas,

Alcatel
54, rue La Boétie
75008 Paris, France

and

France Telecom
6, Place D'Alleray
75015 Paris, France

(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,

We, the above named assignors, 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 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 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.

We hereby authorize and request my attorneys Sughrue, Mion, Zinn, Macpeak & Seas, 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 09/411,981, filed October 04, 1999 (10/04/1999)) the filing date and application number of said application when known.

Date: 22/11/99 [Signature] - Franck MALLECOT
Date: 26/11/99 [Signature] - Christine CHAUMONT
Date: 25-11-99 [Signature] - Arnaud LEROY
Date: 23-11-99 [Signature] - Antonina PLAIS
Date: 1-12-99 [Signature] - Hisao NAKAJIMA

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261) 2/92

RECORDED: 12/27/1999

PATENT
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