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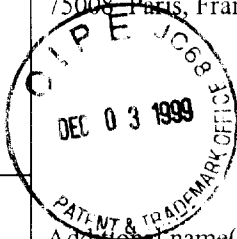
PATENTS ONLY

To the Assistant Commissioner of Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Leon GOLDSTEIN, Jean-Yves EMERY, Fabienne GABORIT

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

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



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

Execution Date: October 25, 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)
09/410,052

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.

David J. Cushing Reg. No. 28,703 December 3, 1999
Date

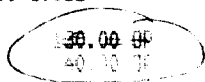
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PATENT
REEL: 010414 FRAME: 0134

Assignment

Whereas, We, Leon GOLDSTEIN of Chaville, France, Jean-Yves EMERY of Palaiseau, France, and Fabienne GABORIT of Limours, France, hereinafter called assignors, have invented certain improvements in

SEMI CONDUCTOR OPTICAL AMPLIFIER

and executed an application for Letters Patent of the United States of America therefor on

October 25, 1999 ; and

Whereas,




Alcatel
54, rue La Boetie
75008 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 09/410,052, filed October 1, 1999) the filing date and application number of said application when known.

Date:	<u>25/10/99</u>		_____
		Leon GOLDSTEIN	
Date:	_____		_____
		Jean-Yves EMERY	
Date:	<u>25/10/99</u>		_____
		Fabienne GABORIT	
Date:	_____	_____	_____

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

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