

07-13-1998

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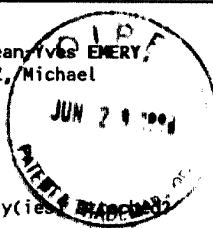
6-29-98

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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Denis LECLERC, Leon GOLDSTEIN, Jean-Yves EMERY,  
Beatrice DAGENS, Christopher JANZ, Michael  
SCHILLING, Klaus MUNSTEL

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

Name: ALCATEL ALSTHOM COMPAGNIE GENERALE  
D' ELECTRICITE  
54 rue La Boetie  
75008 PARIS, FRANCE

Additional name(s) of conveying party(ies)

☐ yes ☒ no

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

☐ yes ☒ no

## 3. Nature of Conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ OtherExecution Date: May 4, 1998, May 4, 1998, April 30,  
1998, May 11, 1998 and May 4, 1998,  
May 5, 1998, May 6, 1998, respectively

## 4. Application number(s) or patent number(s): 09/057,512

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

David J. Cushing  
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-3202

## 6. Total number of applications and patents involved: one

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.☐ Authorized to be charged to Deposit Account

## 8. Deposit Account No.

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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.

07/06/1998  
David J. Cushing, Reg. No. 28,703  
02 PLT:581

Date

6/24/98

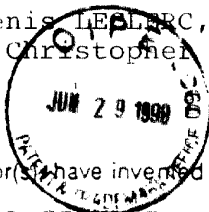
TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

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

PATENT  
REEL: 9291 FRAME: 0282

# Assignment

Whereas, I/We, Denis LECLERC, Léon GOLDSTEIN, Jean-Yves EMERY, of Béatrice DAGENS, Christopher JANZ, Michael SCHILLING and Klaus WUNSTEL



hereinafter called assignor(s) have invented certain improvements in A WAVELENGTH CONVERTER FOR BINARY OPTICAL SIGNALS

and executed an application for Letters Patent of the United States of America therefor on 19 ; and

Whereas, ALCATEL ALSTHOM COMPAGNIE GENERALE D'ELECTRICITE  
54 rue La Boétie  
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,

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, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number 09/057,512 filed April 9, 1998) the filing date and application number of said application when known.

Date: 4/05/1998 s/ Denis LECLERC

Date: 4/05/1998 s/ Léon GOLDSTEIN

Date: 30/4/98 s/ Jean-Yves EMERY

Date: 11/05/98 s/ Béatrice DAGENS

Date: 04/05/98 s/ Christopher JANZ

Date: 08/05/98 s/ Michael SCHILLING

Date: 26/05/98 s/ Klaus WUNSTEL

PATENT

RECORDED: 06/29/1998

REEL: 9291 FRAME: 0283

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