

Form PTO-1595 1-31-92 <div style="font-size: 1.5em; font-weight: bold; margin-top: 5px;">MRD 6-3-98</div>		<div style="font-size: 1.2em; font-weight: bold;">06-12-1998</div> <div style="font-size: 1.2em; font-weight: bold; margin-top: 5px;">100736599</div>		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner of		e attached original documents or copy thereof.			
1. Name of conveying party(ies): Emmanuel DESURVIRE Additional name(s) of conveying party(ies) attached? yes     X no		2. Name and address of receiving party(ies)? Name: Alcatel Alsthom Compagnie Generale D'Electricite Internal Address: 54 rue La Boetie 75008 Paris, FRANCE Street Address: City           State           Zip Additional name(s) & address(es) attached? yes     X no			
3. Nature of Conveyance: XX Assignment                   Merger Security Agreement       Change of Name Other		Execution Date: June 16, 1997			
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: 06/16/97					
<div style="display: flex; justify-content: space-between;"> <span>A. Patent Application No. (s)</span> <span>B. Patent No(s).</span> </div> <div style="text-align: center; margin-top: 10px;">         Additional numbers attached?     Yes   XX   No       </div>					
5. Name and address of party to whom correspondence concerning document should be mailed: SUGHRUE, MION, ZINN, MACPEAK & SEAS 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3202		6. Total number of applications and patents involved: 1			
7. Total Fee (37 CFR 3.41): \$ 40.00 XXX 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. (Attach dupl. copy of this page if paying by Deposit Account)			
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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		June 3, 1998 Date			
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For Non-U.S. Clients

# Assignment

Whereas, I/We, Emmanuel DESURVIRE of

hereinafter called assignor(s), have invented certain improvements in AN OPTICAL FIBER TRANSMISSION SYSTEM FOR SOLITON SIGNALS WITH WAVELENGTH MULTIPLEXING AND SATURABLE ABSORBERS.

and executed an application for Letters Patent of the United States of America therefor on  
June 16 19 97 ; and

Whereas, ALCATEL ALSTHOM COMPAGNIE GENERALE D'ELECTRICITE  
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,

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 \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date: June 16, 1997 s/  \_\_\_\_\_  
Emmanuel DESURVIRE

Date: s/ \_\_\_\_\_

Date: s/ \_\_\_\_\_

Date: s/ \_\_\_\_\_

Date: s/ \_\_\_\_\_

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

8/92

RECORDED: 06/03/1998

PATENT  
REEL: 9226 FRAME: 0015