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R1 (Rev. 03/01)	2422591 ENIS UNL 1	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office				
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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): 2. Name and address of receiving party(ies):						
Yann FRIGNAC	ALCATEL	receiving party(ies).				
Gabriel CHARLET	54, rue la Boetie					
Additional name(s) of conveying party(ies) attached? Yes No	75008 Paris, FRANCE	60 U.S. PTO 7408553				
3. Nature of conveyance:						
☑ Assignment ☐ Merger		• ==				
☐ Security Agreement ☐ Change of Name						
☐ Other						
Evacution Data: January 27, 2002 and Echanism 2, 2002	Additional accounts to the	derected successful D. V				
Execution Date: January 27, 2003 and February 3, 2003 4. Application number(s) or patent number(s):	Additional name(s) & add	dress(es) attached? ☐ Yes ☐ No				
If this document is being filed together with a new application, the execution date of the application is: January 27, 2003 and						
February 3, 2003	cution, the execution dute (
A. Patent Application No.(s)	B. Patent No.(s)	10408553				
Additional numbers	s attached?	☑ No				
5. Name and address of party to whom correspondence	6. Total number of app	plications and patents involved:				
concerning document should be mailed:		1				
SUGHRUE MION, PLLC	7. Total fee (37 CFR 3 ☑ Enclosed.	.41): \$40.00				
WASHINGTON OFFICE	ſ	e charged to Deposit Account No. 19-4880.				
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To the best of my knowledge and belief, the foregoing in original document.	formation is true and corre	ect and any attached copy is a true copy of the April 8, 2003				
David J. Cushing Reg. No.	28,703	Date				
Total number of pages including cover sheet, attachments, and documents: 2 Mail documents to be recorded with required cover sheet information to:						
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	ox Assignment					
Washington, D.C. 20231						

04/16/2003 TDIAZ1 00000160 10408553

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PATENT REEL: 013955 FRAME: 0161

For Non-U.S. Clients

Assignment

Whereas, I/We, Yann FRIGNAC and Gabriel CHARLET of Paris, France and Villiers-Le-Bacle, France, hereinafter called assignor(s), have invented certain improvements in

Optical (De)-Interleaver and Method of (De-)Interleaving Optical Signals

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

Whereas, ALCATEL

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,

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 Director – U.S. Patent and Trademark Office 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.

Danne			our attorneys SUGHRUE M	
Pennsylvania Avenue, NW, Washington, D (Application number		and Confirmation number		
		, filed) the filing date
and ap	plication numb	er of said application	when known.	
Date:	27/01/03	Yann FRIGNAC	The Trigital	and the second s
		s/	/	
Date:	3/01/03	Gabriel CHARLET		
		s/		
Date:				
		s/		
Date:				
		s/		

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

RECORDED: 04/08/2003

PATENT REEL: 013955 FRAME: 0162