Form PTO-1595	05-30-2000	Q58285 U.S. DEPARTMENT OF COMMERCE
1-31-92 4.4.00		Patent and Trademark Office
To the Assistant Commissioner	101368992	hal documents or copy thereof.
1. Name of conveying party(ies):	2. Name and ad	dress of receiving party(ies)?
Jean-Claude ROUSSEAU, Marianne PAILLOT	ALCATEL 54, rue La Boeti 75008 Paris, Fra	
Additional name(s) of conveying party(ics) attached	1?	
🗆 yes 🗹 no		
3. Nature of Conveyance:		
🗹 Assignment 🗌 Merger	Additional name	(s) & address(es) attached?
□ Security Agreement □ Change of Names	□ yes	☑ no
Other		
Execution Date: August 9 and 11, 1999		
4. Application number(s) or patent number(s):	9 509939	
4. Application number(s) or patent number(s):	pplication, the execution da	te of the application is: August 9 and 11, 1999
		te of the application is: August 9 and 11, 1999 B. Patent No.(s)
If this document is being filed together with a new a		
If this document is being filed together with a new a A. Patent Application No.(s) Additional numb	pplication, the execution da	B. Patent No.(s)I No
If this document is being filed together with a new a A. Patent Application No.(s)	pplication, the execution da	B. Patent No.(s)
If this document is being filed together with a new a A. Patent Application No.(s) Additional numl 5. Name and address of party to whom corresponde concerning document should be mailed: SUGHRUE, MION, ZINN, MACPEAK & SEAS, H	pplication, the execution da bers attached? PLLC 7. Total Fee (37	B. Patent No.(s) No of applications and registration involved: 1 CFR 3.41): \$40.00
If this document is being filed together with a new a A. Patent Application No.(s) Additional numl Additional numl S. Name and address of party to whom corresponde concerning document should be mailed: SUGHRUE, MION, ZINN, MACPEAK & SEAS, H 2100 Pennsylvania Avenue, N.W.	application, the execution da bers attached? Image: Yes ence 6. Total number PLLC 7. Total Fee (37 Image: Ence Image: Ence	B. Patent No.(s) ☑ No of applications and registration involved: 1 CFR 3.41): \$40.00 losed. Please charge any underpayment in
If this document is being filed together with a new a A. Patent Application No.(s) Additional numl 5. Name and address of party to whom corresponde concerning document should be mailed: SUGHRUE, MION, ZINN, MACPEAK & SEAS, H	pplication, the execution da bers attached? ☐ Yes ence 6. Total number PLLC 7. Total Fee (37 ☑ Enc connection with	B. Patent No.(s) ☑ No of applications and registration involved: 1 CFR 3.41): \$40.00 losed. Please charge any underpayment in this Assignment to Deposit Account No. 19-4880.
If this document is being filed together with a new a A. Patent Application No.(s) Additional numl 5. Name and address of party to whom corresponde concerning document should be mailed: SUGHRUE, MION, ZINN, MACPEAK & SEAS, H 2100 Pennsylvania Avenue, N.W. Suite 800	pplication, the execution da bers attached? ☐ Yes ence 6. Total number PLLC 7. Total Fee (37 ☑ Enc connection with	B. Patent No.(s) No of applications and registration involved: 1 CFR 3.41): \$40.00 losed. Please charge any underpayment in this Assignment to Deposit Account No. 19-4880. horized to be charged to Deposit Account
If this document is being filed together with a new a A. Patent Application No.(s) Additional numl Additional numl S. Name and address of party to whom corresponde concerning document should be mailed: SUGHRUE, MION, ZINN, MACPEAK & SEAS, H 2100 Pennsylvania Avenue, N.W. Suite 800	application, the execution date bers attached? Yes Ence Total number PLLC 7. Total Fee (37	B. Patent No.(s) No of applications and registration involved: 1 CFR 3.41): \$40.00 losed. Please charge any underpayment in this Assignment to Deposit Account No. 19-4880. horized to be charged to Deposit Account
If this document is being filed together with a new a A. Patent Application No.(s) Additional numb 5. Name and address of party to whom corresponde concerning document should be mailed: SUGHRUE, MION, ZINN, MACPEAK & SEAS, H 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3213 DO	application, the execution date bers attached? Yes Ence Total number PLLC 7. Total Fee (37	B. Patent No.(s) Description involved: I CFR 3.41): \$40.00 Iosed. Please charge any underpayment in this Assignment to Deposit Account No. 19-4880. horized to be charged to Deposit Account unt No. 19-4880
If this document is being filed together with a new a A. Patent Application No.(s) Additional numl 5. Name and address of party to whom corresponde concerning document should be mailed: SUGHRUE, MION, ZINN, MACPEAK & SEAS, H 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3213 DO 9. Statement and Signature.	application, the execution date bers attached? □ Yes ence 6. Total number PLLC 7. Total Fee (37 ☑ Enc Connection with □ Aut 8. Deposit Acco NOT WRITE IN THIS SP	B. Patent No.(s) Description: B. Patent No.(s) Description: B. Patent No.(s) Description: B. Please and registration involved: 1 CFR 3.41): \$40.00 losed. Please charge any underpayment in this Assignment to Deposit Account No. 19-4880. horized to be charged to Deposit Account unt No. 19-4880 ACE
If this document is being filed together with a new a A. Patent Application No.(s) Additional numl 5. Name and address of party to whom corresponde concerning document should be mailed: SUGHRUE, MION, ZINN, MACPEAK & SEAS, H 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3213 DO 1 9. Statement and Signature. To the best of my knowledge and belief, the foregoi	application, the execution date bers attached? □ Yes ence 6. Total number PLLC 7. Total Fee (37 ☑ Enc Connection with □ Aut 8. Deposit Acco NOT WRITE IN THIS SP	B. Patent No.(s) Description: B. Patent No.(s) Description: B. Patent No.(s) Description: B. Please and registration involved: 1 CFR 3.41): \$40.00 losed. Please charge any underpayment in this Assignment to Deposit Account No. 19-4880. horized to be charged to Deposit Account unt No. 19-4880 ACE
If this document is being filed together with a new a A. Patent Application No.(s) Additional numl Additional numl S. Name and address of party to whom corresponde concerning document should be mailed: SUGHRUE, MION, ZINN, MACPEAK & SEAS, H 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3213 DO 9. Statement and Signature. To the best of my knowledge and belief, the foregoi	application, the execution date bers attached? □ Yes ence 6. Total number PLLC 7. Total Fee (37 ☑ Enc Connection with □ Aut 8. Deposit Acco NOT WRITE IN THIS SP	B. Patent No.(s) Description: B. Patent No.(s) Description: B. Patent No.(s) Description: B. Please and registration involved: 1 CFR 3.41): \$40.00 losed. Please charge any underpayment in this Assignment to Deposit Account No. 19-4880. horized to be charged to Deposit Account unt No. 19-4880 ACE orrect and any attached copy is a true copy of the
If this document is being filed together with a new a A. Patent Application No.(s) Additional numl Additional numl Additional numl Additional numl S. Name and address of party to whom corresponde concerning document should be mailed: SUGHRUE, MION, ZINN, MACPEAK & SEAS, H 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3213 DO 9. Statement and Signature. To the best of my knowledge and belief, the foregoi original document. <i>Pag. No Mathematical States Mathematical States Additional numl Additional numl</i>	application, the execution date bers attached? □ Yes ence 6. Total number PLLC 7. Total Fee (37 ☑ Enc Connection with □ Aut 8. Deposit Acco NOT WRITE IN THIS SP	B. Patent No.(s) Description: B. Patent No.(s) Description: B. Patent No.(s) Description: B. Please and registration involved: 1 CFR 3.41): \$40.00 losed. Please charge any underpayment in this Assignment to Deposit Account No. 19-4880. horized to be charged to Deposit Account unt No. 19-4880 ACE
If this document is being filed together with a new a A. Patent Application No.(s) Additional numl 5. Name and address of party to whom corresponded concerning document should be mailed: SUGHRUE, MION, ZINN, MACPEAK & SEAS, H 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3213 DO 1 9. Statement and Signature. To the best of my knowledge and belief, the foregoin original document. Mark Schweiter, 31, 484 David J. Cushing.	application, the execution da bers attached? ☐ Yes ence 6. Total number PLLC 7. Total Fee (37 ☑ Enc connection with ☐ Aut 8. Deposit Acco NOT WRITE IN THIS SP ng information is true and c Reg. No. 28,703	B. Patent No.(s) Description of applications and registration involved: CFR 3.41): CFR 3.41): CFR 3.41): CFR 3.41): State of the charge any underpayment in this Assignment to Deposit Account No. 19-4880 ACE Orrect and any attached copy is a true copy of the April 4, 2000
If this document is being filed together with a new a A. Patent Application No.(s) Additional numl 5. Name and address of party to whom corresponded concerning document should be mailed: SUGHRUE, MION, ZINN, MACPEAK & SEAS, H 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3213 DO 1 9. Statement and Signature. To the best of my knowledge and belief, the foregoin original document. Mark Schweiter, 31, 484 David J. Cushing.	application, the execution da bers attached? ☐ Yes ence 6. Total number PLLC 7. Total Fee (37 ☑ Enc connection with ☐ Aut 8. Deposit Acco NOT WRITE IN THIS SP ng information is true and c Reg. No. 28,703	B. Patent No.(s) B. Patent No.(s) No of applications and registration involved: 1 CFR 3.41): \$40.00 losed. Please charge any underpayment in this Assignment to Deposit Account No. 19-4880. horized to be charged to Deposit Account unt No. 19-4880 ACE orrect and any attached copy is a true copy of the <u>April 4, 2000</u> Date

Assignment

Whereas I/We

Jean-Claude ROUSSEAU Marianne PAILLOT

hereinafter called assignor(s), have invented certain improvements in

A DISPERSTION-SHIFTED SINGLE-MODE OPTICAL FIBER HAVING AN OUTER RING

and executed an application for Letters Patent of the United States of America therefor identified by Attorney Docket No. **101686/CD/TEL**

Whereas, ALCATEL

54, rue La Boétie 75008 PARIS FRANCE

hereinafter called 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, NW, Washington, DC 20037-3202 to insert here in parentheses (Application number ______, filed ______) the filing date and application number of said application when known.

Date: 11, 08, 94	S/
Date : 09/08/99	Jean-Claude ROUSSEAU S/ Mariane PAILLOT

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



RECORDED: 04/04/2000