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	No. 0651-0011 (exp. 4/94)	Patent and Trademar	
		.hed original documents or copy thereof.	
	<ol> <li>Name of conveying party(ies): Daniel D. Uhm</li> <li>Additional name(s) of conveying party(ies) attached?</li> <li>□ Yes ⊠ No</li> </ol>	<ul> <li>2. Name and address of receiving party(ie Alcatel</li> <li>9 4 1999 54, rue La Boétie 75008 Paris, France</li> </ul>	xs):
	3. Nature of conveyance:	Additional name(s) and address(es) atta □ Yes ⊠ No	ched?
	Execution Date. September 1, 1999		
	<ul> <li>is:</li> <li>A. Patent Application No.(s) 09/377,995, filed August 20, 1999</li> </ul>	ith a new application, the execution date of the appl B. Patent No.(s) attached? □ Yes ⊠ No	ication
	5. Name and address of party to whom correspondence concerning document	6. Total number of applications and paten involved: <u>1</u>	ts
	should be mailed: William J. Barber Ware, Fressola, Van Der Sluys & Adolphson LLP	<ul> <li>7. Total fee (37 CFR 3.41) \$<u>40.00</u></li> <li>☑ Enclosed</li> <li>□ Authorized to be charged to deposit a</li> </ul>	acct.
	755 Main Street, P.O. Box 224 Monroe, Connecticut 06468 Customer No. 004955	8. Deposit account number: <u>23-0442</u> (Attach duplicate copy of this page if paying by	
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	9. Statement and signature: To the best of my knowledge and belief, the foregon copy is a true copy of the original document. William J. Barber Reg.No. 32,720 Name of Person Signing Total number of pages including cover sh		ment 199

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HARE FRESSOLA

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## ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, I, Daniel D. Uhm, a citizen of the United States of America and respectively residing at 20220 Wave Court, Cornelius, North Carolina 28031, hereby sell, assign and transfer to ALCATEL, a corporation duly organized and existing under the laws of France, and having a principal place of business at 54, rue La Boétie, 75008 Paris, France, as assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to improvements in INFRARED HIGH TEMPERATURE MEASUREMENT OF OPTICAL FIBER DURING DRAW, which is described in an application for Letters Patent of the United States, executed by me on even date herewith; and all the rights and privileges under any and all Letters Patent that may be granted therefor.

I request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

I agree that, when requested, I will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

I authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form

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of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with said assignee, its successors and assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed a	E ALCATEL	CLLAREMONTIC ) this
1st day	of <u>SEREMBER</u>	_, 1999
		$\Lambda$
	DANIEL	D. UHM

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to. Witness: <u>Just Muchan</u> Date <u>9/1/99</u> Witness: <u>Jan Wy</u>

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**RECORDED: 10/04/1999**