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ļ	Form PTO-1595 1-31-92			U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		
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	To the Assistant Commissioner of Patents. Please record the attached original documents or copy thereof.					
	. Name of conveying party(ies):		2. Name and address of receiving party(ies)?			
	Michel PERELLE, Jean-Pierre PLANC	hel PERELLE, Jean-Pierre PLANCHAT, Gerard		ALCATEL		
	RIGOBERT, Laurent SOULIAC		54, rue La Boétie 75008 Paris, France			
	Additional name(s) of conveying party(ies) attached?		APE A			
	□ yes 🗹 no		C LAN 0 3 TODA E			
i	3. Nature of Conveyance:					
	🗹 Assignment 🛛 Merger		Additional man (B) & address(es) attached?			
l	□ Security Agreement □ Change of	of Names	□ yes	🗹 no		
	□ Other					
	Execution Date: December 20, 9, and 14, 1999					
ĺ	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:					
	December 20, 9, and 14, 1999					
	A. Patent Application No.(s)			B. Patent No.(s)		
	Additional numbers attached? Ves No					
	5. Name and address of party to whom correspondence		6. Total number of application	ations and registration involved:		
	concerning document should be mailed:			1		
	SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC		7. Total Fee (37 CFR 3.41): \$40.00			
	2100 Pennsylvania Avenue, N.W.		Enclosed. Please charge any underpayment in			
	Suite 800 Washington, D.C. 20037-3213		connection with this Assignment to Deposit Account No. 19-4880.			
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017057	2000 JSHABAZZ 00000141 SUGHRUE MIDN		8. Deposit Account No.	10 4000		
ai er	10 A6 A1		RITE IN THIS SPACE	19-4880		
	9. Statement and Signature.					
		d belief, the foregoing information is true and correct and any attached copy is a true copy of the				
	original document.					
	January 3, 2000 David J. Cushing Reg. No. 28,703 January 3, 2000 TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2					
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	Washington, D.C. 20231					

PATENT REEL: 010469 FRAME: 0018

Assignment

Whereas I/We

Michel PERELLE Jean-Pierre PLANCHAT Gérard RIGOBERT Laurent SOULIAC

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

and executed an application for Latters Patent of the United States of America therefor identified by Attorney Docket No. 102037/SKM/BLI

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: 20/12/99	SI m. Perel
	Michel PERELLE
Date :	s/
03/12/39	Jean Fierre PLANCHAT
Date 12/99	S/ Strigt
	Gérard RIGOBERT
Date: 14/12/99	S' Soulite
	Kaorent SOULIAC

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

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