Form PTO-1595

U.S. DEPARTMENT OF COMMERCE

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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)?								
Gabriele BARTOLO, Marzio GEROSA, Daniela	ALCATEL							
GIACOMUZZI	54 rue La Boétie							
	75008 Paris, France							
Additional name(s) of conveying party(ies) attached?								
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Execution Date: January 13 and 12, 1999								
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:								
A. Patent Application No.(s)	B. Patent No.(s)							
09/217,829								
Additional numbers attach	ned? □ Yes ☑ No							
5. Name and address of party to whom correspondence	6. Total number of applications 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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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								
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David J. Cushing Reg. No.	March 22, 1999 28,703 Date							
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**PATENT REEL: 9842 FRAME: 0811** 

## For Non-U.S. Clients

## Assignment

•	Whereas, I/We,	Gabriele	BARTOLO	, Marzi	o GER	OSA,	Daniela	GIACOMU	ZZII	of
	Merate (Lecc respectivel		Seregno	(MI) I	taly;	and 1	Paderno	d'Adda	(Lecco)	Italy
hereinafter called assignor(s), have invented certain improvements in										
	METHOD AND I				LOSS	-OF-S	IGNAL C	ONDITION	AT THE	INPUT
and	executed an ap	plication for	Letters I	Patent o	of the	United	States	of Americ	a therefo	r on
	Januar	y 13th and	12th,	1 <b>9</b> 99 ; a	and					

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 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 09/217,829 number \_) the filing date and application number of said application when known.

Date: Jul 13, 1999	s/ Sols elegations Gabriele BARTOLO
Date: Sar, 13, 99	SI Marzio GEROSA
Date: Jan. 12, 1999	s/ Daniela GIACOMUZZI
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: 03/22/1999** 

PATENT REEL: 9842 FRAME: 0812