07-22-2002

10/111053 JC13 Rec'd PCT/PTO 1 9 APR 2002

Fortn PTO-1595 (modified) SHEET U.S. DEPARTMENT OF COMMERCE 102161973 TATENTS UNLY (Rev. 03/01) U.S. Patent and Trademark Office OMB No. 0651-0027 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): François DORGEUILLE ALCATEL Stephane RABARON 54, rue la Boetie Frederic POMMEREAU 75008 Paris, France Claude ARTIGUE Philippe BROSSON Additional name(s) of conveying party(ies) attached?

Yes

No 3. Nature of conveyance: ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: October 18 and 22, 2001 Additional name(s) & address(es) attached?

Yes 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: October 18 and 22, 2001 A. Patent Application No.(s) B. Patent No.(s) ditional numbers attached? ☐ Yes ☑ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 SUGHRUE MION, PLLC 2100 Pennsylvania Avenue, N.W. ☑ Enclosed. Please charge any underpayment in connection Suite 800 with this Assignment to Deposit Account No. 19-4880. Washington, D.C. 20037-3213 ☐ Authorized to be charged to deposit account 8. Deposit account number: 19-4880 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. 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 original document. April 17, 2002 Reg. No. 28.703 Date David J. Cushing Total number of pages including cover sheet, attachments, and documents: 2

> Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks Box Assignment Washington, D.C. 20231

> > PATENT

REEL: 013092 FRAME: 0679

Assignment

Whereas, We, François DORGEUILLE, of Paris, France, Stéphane RABARON, of Fontenay aux Roses, France, Frédéric POMMEREAU, of Lardy, France, Claude ARTIGUE, of Bourg la Reine, France, Philippe BROSSON, of Forges les Bains, France, hereinafter called assignors, have invented certain improvements in

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

Whereas,

ALCATEL 54, rue de 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,

We, the above named assignors, 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 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 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.

We hereby authorize and request my attorneys Sughrue, Mion, Zinn, Macpeak & Seas, 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses

(Application number	 ,
filed)

PATENT REEL: 013092 FRAME: 0680

Priority claimed:					
France: Application number _	00 10819,_	_, filed _	_August 22,	2000 (22.08	.00)
International Application num	berPCT/FI	R01/0263	30,		
filed August 20, 2001 (20.0	08.01)				

the filing date and application number of said application when known.

Date:	18/10/01:	Jack Coulle
		François DORGEUILLE
Date:		SRohann
		Stéphane RABARON
Date:	18/10/1001	Frederic Pomuercon
		Frédéric POMMEREAU
Date:	18/10/07	Ather
		Claude ARTIGUE
Date:	18-10-200	1 00
		Philippe RROSSON .

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261) 8/92

PATENT
RECORDED: 04/19/2002 REEL: 013092 FRAME: 0681