

02-07-2002



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Form PTO-1595 (modified) (Rev. 03/01) OMB No. 0651-0027	RE 101975209 PATENTS ONLY	T U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office		
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.				
1. Name of conveying party(ies): Jean-Christophe VILLAIN Bertrand CUPIF Claire GUILLON Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): ALCATEL 54, rue La Boetie 75008 Paris, FRANCE Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____	Execution Date: December 10, 2001			
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 10, 2001 <table style="width: 100%;"> <tr> <td style="width: 50%;"> A. Patent Application No.(s) 10/054959 </td> <td style="width: 50%;"> B. Patent No.(s) </td> </tr> </table> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			A. Patent Application No.(s) 10/054959	B. Patent No.(s)
A. Patent Application No.(s) 10/054959	B. Patent No.(s)			
5. Name and address of party to whom correspondence concerning document should be mailed: SUGHRUE MION, PLLC 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3213	6. Total number of applications and patents involved: 1			
7. Total fee (37 CFR 3.41): \$40.00 <input checked="" type="checkbox"/> Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880. <input type="checkbox"/> 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. <i>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.</i> <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 20px;"> <div style="text-align: center;"> _____ David J. Cushing </div> <div style="text-align: center;"> Reg. No. 28,703 </div> <div style="text-align: center;"> January 25, 2002 _____ Date </div> </div>				
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				

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PATENT
REEL: 012543 FRAME: 0504

Assignment

Whereas I/We - Jean-Christophe VILLAIN
 - Bertrand CUPIF
 - Claire GUILLON

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

and executed an application for Letters Patent of the United States of America therefor identified by Attorney Docket No. **103531/SKM/EMPD**

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;

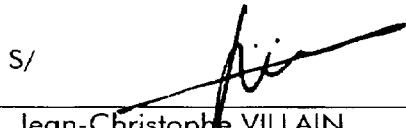
Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

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, PLLC 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 : 10/12/01

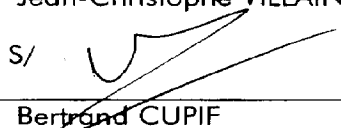
S/



Jean-Christophe VILLAIN

Date : 10/12/01

S/



Bertrand CUPIF

Date : 10/12/01

S/



Claire GUILLON

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