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## RECORDATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE 102139670 U.S. Patent and Trademark Office (Rev. 03/01) PATENTS ONLY OMB No. 0651-0027 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): ALCATEL Leon GOLDSTEIN 4-11-12 54, rue La Boetie Jean-Yves EMERY 75008 Paris, FRANCE Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No 3. Nature of conveyance: ☐ Merger ☑ Assignment ☐ Security Agreement ☐ Change of Name ☐ Other Additional name(s) & address(es) attached? Yes Execution Date: September 21, 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: September 21, 2001 B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? ☐ Yes ☑ No 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: \$40.00 7. Total fee (37 CFR 3.41): SUGHRUE MION, PLLC ☑ Enclosed. Please charge any underpayment in connection 2100 Pennsylvania Avenue, N.W. with this Assignment to Deposit Account No. 19-4880. Suite 800 ☐ Authorized to be charged to deposit account Washington, D.C. 20037-3213 8. Deposit account number: 19-4880 11.1.60 5009 (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 11, 2002 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: 13027 FRAME: 0707

For Non U.S. Clients Only Attorney Docket Reference No. 015697.US OPT026 - 103114

## **Assignment**

Whereas, We, **Léon GOLDSTEIN**, of Chaville, France, **Jean-Yves EMERY**, of Palaiseau, France, hereinafter called assignors, have invented certain improvements in

and exec	ated an application for Letters Patent of the United States of America therefor on
	; and
7	hereas,
	Alcatel
	54, rue La Boetie
	75008 Paris, France
	e), desires to acquire the entire right, title, and interest in the application and invention, y United States patents to be obtained therefor;
1	ow therefore, for valuable consideration, receipt whereof is hereby acknowledged,
assignee inventio under 3: granted and we connect	Ve, the above named assignors, hereby sell, assign and transfer to the above named its successors and assigns, the entire right, title and interest in the application and the disclosed therein for the United States of America, including the right to claim priority U.S.C. §119, and we request the Commissioner of Patents to issue any Letters Patent pon the invention set forth in the application to the assignee, its successors and assigns; will execute without further consideration all papers deemed necessary by the assignee in on 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, ansylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses
	Application number,
:	)
	Priority claimed: France: Application number 00 10818,, filedAugust 22, 2000 (22.08.00) International Application numberPCT/FR01/02632, Filed August 20, 2001 (20.08.01)
	he filing date and application number of said application when known.
Date:	Léon GOLDSTEIN John Jan.
Date:	21/09/2001 Janyon Every.
(Legali	ation not required for recording but is prima facie evidence of execution under 35 U.S.C. §261) 8/92

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RECORDED: 04/11/2002 REEL: 13027 FRAME: 0708