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l	To the Honor	To the Honorable Commissioner of Patents and Trademar				tached original documents or copy thereof.	
	1. Name of conve	ying par	rty(ies):		2. Name and address	of receiving party(ies)?	
	Helene VOGEL,	Michel (	GALLIGO		ALCATEL 54, rue la Boétie 75008 Paris, France		
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l	3. Nature of Con	veyance		No September	<b>.</b>	11	
l	☑ Assignment	☑ Assignment ☐ Merger			Additional name(s) &		
Ì	☐ Security Agre	sement	☐ Change o	of Names	☐ yes	7 no	
	Other						
	Execution Date:	Execution Date: April 26 and March 16, 1999					
1	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:					of a constanting for	
	If this document	is being	filed together v	with a new application	n, the execution date of t		
		A. Patent Application No.(s) 09/179,389				B. Patent No.(s)	
			A.d.d	itional numbers attac	hed?	☑ No	
	5. Name and address of party to whom correspondence concerning document should be mailed:				6. Total number of ap	plications and registration involved:	
	SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC 2100 Pennsylvanis Avenue, N.W. Suite 800 Washington, D.C. 20037-3213				connection with this A	3.41): \$40.00  Please charge any underpayment in Assignment to Deposit Account No. 19-4880.  and to be charged to Deposit Account	
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	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.  May 7, 1999						
	David J. Cush	•		_			
ĺ	TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT:					ACHMENTS AND DOCUMENT: 2	
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PATENT REEL: 009949 FRAME: 0313

For Non-U.S. Clients F\* 100612/MA/CB

## ASSIGNMENT

Whereas, I/We Hélène VOGEL et Michel GALLIGO

Oī

hereinafter called assignor(s), have invented certain improvements in DISPOSITIF DE MESURE DE DISTANCE ENTRE UNE STATION MOBILE ET UNE STATION DE BASE DANS UN SYSTEME DE RADIOCOMMUNICATIONS MOBILES.

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

April 26 and March 16, 19 99; and

Whereas ALCATEL 54, rue la Boètie 75008 PARIS

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained thereof;

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 of the assignee, its successors and assigns; and I/We will execute without further consideration all papers deemed necessary by its 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 number 09/179,389 filed October 27, 1998) the filing date and application number of said application when known.

Date:	9CS4149	Hélène VOGEL
Date :		
Date :	16/07/199	Michel GALLIEO
Date :		s/
Date :		s/

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

TOTAL PAGE(S) 05 P.05

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**RECORDED: 05/07/1999**