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1. Name of conveying party(ies):	2. Name and address of receiving party(ies)?				
Karl-Heinz REIMANN, Michael KAMMER	ALCATEL				
Karl-Heinz REIMANN, Michael KAMMER	54, rue La Boetie 75008 Paris, France				
•	75008 Fairs, France				
Additional name(s) of conveying party(ies) attached?	OIPE				
☐ yes ☑ no	0. 2				
	(s 20M : 8)				
3. Nature of Conveyance:	FEB 0 8 2001 . E.				
☑ Assignment ☐ Merger	1 1 1 1 1 1 1 1 1 1				
☐ Security Agreement ☐ Change of Names	TRADEMAN				
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Other					
Execution Date: December 8 and 14, 2000	☐ yes ☑ no				
4. Application number(s) or patent number(s):					
If this document is being filed together with a new application	n, the execution date of the application is:				
A. Patent Application No.(s)/Confirmation No.(s)	B. Patent No.(s)				
09/736,296 /8431					
Additional numbers attact	hed?				
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. Authorized to be charged to Deposit Account				
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David J. Cushing Reg. No.					
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02/09/2001 BHABTEN 00000115 09736296

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Assignment

Whereas, I/We, Karl-He	inz REIMAN	N of La	ngenha	igen, Gei	many; and	
Michael KAMMER of Bad Ner	indorf, Germa	ny, , res	pective	ely, herei	nafter calle	ed assignor(s),
have invented certain improvem	ents in ANTE	ENNA F	OR RA	ADIATI	NG AND R	ECEIVING
ELECTROMAGNETIC WAVE	ES and execut	ed an ap	plication	on for Le	etters Paten	t of the United
States of America therefor on	December	8 and	14,	2000	, 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 our attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3212 to insert here in parentheses (Application number 09/736, 296 , filed December 15, 2000) the filing date and application number of said application when known.

Date:	8.12.2000	/ Hart Heinz Keina	
	s/Karl-l	Heinz REIMANN	
Date:	14.12.2000	Mhael Kammy	
	s/Micha	ael KAMMER	
Date:			
	s/		

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

____RECORDED: 02/08/2001------

PATENT

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