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U.S. DEPARTMENT OF COMMERCE

Form PTO-1595 (modified (Rev. 03/01) 102005799. 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): Dominique BAYART ALCATEL Jean-Louis DE BOUGRENET DE LA TOCNAYES 54, rue La Boetie Raymond CHEVALLIER 75008 Paris, FRANCE Laurent DUPONT MRD Additional name(s) of conveying party(ies) attached 3. Nature of conveyance: ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: February 19, 2002 Additional name(s) & address(es) attached? ☐ Yes ☑ No 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: A. Patent Application No.(s) B. Patent No.(s) 09/988,377 Additional 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: SUGHRUE MION, PLLC 7. Total fee (37 CFR 3.41): \$40.00 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 decument. March 5, 2002 Reg. No. 28,703 David J. Cushing Date Total number of pages including cover sheet, attachments, and documents: 5 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks Box Assignment 00000247 09988377 /2002 DBYRNE Washington, D.C. 20231

Whereas, I/We, Dominique BAYART, Jean-Louis DE BOUGRENET DE LA TOCNAYE, Raymond CHEVALLIER and Laurent DUPONT, of Clamart, France, Saint-Renan, France, Plougonvelin, France and Plouzané, France, hereinafter called assignor(s), have invented certain improvements in

Dynamic spatial equalizer based on a spatial light modulator

and e	xecuted an applica	ation for Letters Patent of the United States of America therefor in
	cation number <u>0</u> 0 0.19,2002	988377 and Confirmation number 8367, on ; and
V	Vhereas,	ALCATEL 54, rue La Boetie 75008 Paris, France
		equire the entire right, title, and interest in the application and invention, and to its to be obtained therefor;
	Now therefore,	for valuable consideration, receipt whereof is hereby acknowledged,
inven under Letter assign	nee, its successors tion disclosed then 35 U.S.C. §119, and as; and I/we will e	e named assignor(s), hereby sell, assign and transfer to the above named and assigns, the entire right, title and interest in the application and the rein for the United States of America, including the right to claim priority and I/we request the Director – U.S. Patent and Trademark Office to issue any upon the invention set forth in the application to the assignee, its successors and execute without further consideration all papers deemed necessary by the with the United States application when called upon to do so by the assignee. Dominique BAYART
		s/
Date:		Jean-Louis DE BOUGRENET DE LA TOCNAYE
		s/
Date:		Raymond CHEVALLIER
		s/
Date:		Laurent DUPONT
		s/
Date:		
		s/
Date:		
		

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

Whereas, I/We, Dominique BAYART, Jean-Louis DE BOUGRENET DE LA TOCNAYE, Raymond CHEVALLIER and Laurent DUPONT, of Clamart, France, Saint-Renan, France, Plougonvelin, France and Plouzané, France, hereinafter called assignor(s), have invented certain improvements in

Dynamic spatial equalizer based on a spatial light modulator

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Application number OFED-19,2002	9988377 and Confirmation number 8367, on ; and
Whereas,	ALCATEL 54, rue La Boetie 75008 Paris, France
` • · · · · · · · · · · · · · · · · · ·	equire the entire right, title, and interest in the application and invention, and to nts to be obtained therefor;
Now therefore	, for valuable consideration, receipt whereof is hereby acknowledged,
assignee, its successors invention disclosed the under 35 U.S.C. §119, Letters Patent granted assigns; and I/we will e	re named assignor(s), hereby sell, assign and transfer to the above named and assigns, the entire right, title and interest in the application and the erein for the United States of America, including the right to claim priority and I/we request the Director – U.S. Patent and Trademark Office to issue any upon the invention set forth in the application to the assignee, its successors and execute without further consideration all papers deemed necessary by the with the United States application when called upon to do so by the assignee. Dominique BAYART
Date:	s/
Date: Feb.19,2002	Jean-Louis DE BOUGRENET DE LA TOCNAYE
Date:	s/ Raymond CHEVALLIER
	s/
Date:	Laurent DUPONT
Date:	s/
	s/
Date:	

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

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	Dynamic spatial equalizer t	ased on a spatial right modulator		
and executed an applica	ation for Letters Patent of the	United States of America therefor in		
Application number 0998377 and Confirmation number 8367 , on Feb. $19,2002$; and				
Whereas,	ALCATEL 54, rue La 75008 Paris			
`	equire the entire right, title, and the court of the cour	nd interest in the application and invention, and to		
Now therefore,	, for valuable consideration, re	eceipt 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 Director – U.S. Patent and Trademark Office 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.				
Date:	Dominique BAYART			
Date:	s/ Jean-Louis DE BOUGRENET	DE LA TOCNAYE		
	s/	.71 1		
Date: Feb.19,2002	Raymond CHEVALLIER	Mei Mu		
	s/	Alc.		
Date:	Laurent DUPONT			
Date:	s/			
	s/			
Date:				

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

s/

Whereas, I/We, Dominique BAYART, Jean-Louis DE BOUGRENET DE LA TOCNAYE, Raymond CHEVALLIER and Laurent DUPONT, of Clamart, France, Saint-Renan, France, Plougonvelin, France and Plouzané, France, hereinafter called assignor(s), have invented certain improvements in

Dynamic spatial equalizer based on a spatial light modulator

and executed an applic	eation for Letters Patent of the United States of America therefor in			
Application number 09988 377 and Confirmation number 8367, on Feb. 19, 2002; and				
Whereas,	ALCATEL 54, rue La Boetie 75008 Paris, France			
	equire the entire right, title, and interest in the application and invention, and to not not onto the obtained therefor;			
Now therefore	, for valuable consideration, receipt whereof is hereby acknowledged,			
assignee, its successors invention disclosed the under 35 U.S.C. §119, Letters Patent granted trassigns; and I/we will expect the successors of the successo	e named assignor(s), hereby sell, assign and transfer to the above named and assigns, the entire right, title and interest in the application and the rein for the United States of America, including the right to claim priority and I/we request the Director – U.S. Patent and Trademark Office to issue any upon the invention set forth in the application to the assignee, its successors and execute without further consideration all papers deemed necessary by the with the United States application when called upon to do so by the assignee.			
Date:	Dominique BAYART			
	s/			
Date:	Jean-Louis DE BOUGRENET DE LA TOCNAYE			
	s/			
Date:	Raymond CHEVALLIER			
	s/			
Date: Feb.19,2002	Laurent DUPONT (
	s/			
Date:				
	s/			
Date:				
	s/			

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

PATENT RECORDED: 03/05/2002 REEL: 012630 FRAME: 0189