A/D 581- 40

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FORM PTO-1596 1-31-92 DOCKET NO. 4590-203		U.S. DEPART MENT OF COMMERCE Patent and Trademark Office				
To the Honorable Commissioner c 102793	907	ed original documents or copy thereto:				
Name of conveying party(ies):	2. Name and	address of receiving party(ies):				
1. VIRE, Guillaume 2. TAURAND, Christophe	Street Address: City: State:	THALES 173 Boulevard Haussmann Paris 75008				
3. Nature of conveyance: ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other	Country:	FRANCE 10470715				
Execution Date: July 22, 2003	Additional name(s) a	& address(es) attached? □ Yes 🗷 No				
4. Application number(s) or patent number(s): If the document is being filed together with a new application, the execution date of the application is: July 22, 2003 A. Patent Application No(s). B. Patent No(s).						
Additional numbers attached? Yes No						
Name and address of party to whom correspondence concerning document should be mailed: Name: LOWE HAUPTMAN GILMAN & BERNER Internal Address:	7. Total fee (37 CF ☐ Enclosed ☐ Authorized to	f applications and patents involved: one FR 3.41).\$40.00 be charged to deposit account syment form enclosed				
Street Address: 1700 Diagonal Road, Suite 300 City: Alexandria State: VA Zip: 22314	8. Deposit account	t number: 07-1337				
DO NOT USE THIS SPACE						
9. Signature. Kenneth M. Berner, 37,093 Name of Person, Registration No. Signature Date Total number of pages including cover sheet, attachment, and document: 3						
CMB No. 0851-0011 (exp. 4/94)						
08/06/2003 SHAJARRO 00000132 10470715 62 FC:8021 40.00 OP						

PATENT REEL: 015566 FRAME: 0587

Assignment of Application

Page 1 of 2

W	HEREAS, I (W	Ξ)	VIRE Guillaume		
			115, Rue Faventines		
			26000 VALENCE - FRANC	ICE	
-					
			TAURAND Christophe		
			8, Allée Georges Simenon		
			26000 VALENCE - FRANC	ICE	
_					
				, respectively	— /,
	ve invented cert	ain new and	Luceful improvements in: SFR	ERIES CHOPPER WITH SYNCHRONOUS SWITCHING	
Ha	ve mvented cert	ani new and	userat improvements in: SER	ALES CHOLLER WITHELL SCHOOL SWITCHING	≃_
for	r which an appli	cation for L	etters Patent was executed on	a 22 July, 2003	
(A	pplication No.		, filed	ed), ar	nd
W	VHEREAS,	THALES			
(he	ereinafter referre	d to as "AS	SIGNEE") having a place of b	business at: 173 Boulevard Haussmann 75008 PARIS	
	RANCE		, 5 1		

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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Further, 1 (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

Date:	2 2 JUIL. 2003		Guilloume Dire.
		(Signature of Inventor)	VIRE Guillaume
Date:	2 2 JUIL. 2003		of the transaction
		(Signature of Inventor)	TAURAND Christophe
Date:			
		(Signature of Inventor)	
Date:			
		(Signature of Inventor)	
Date: _			
		(Signature of Inventor)	
Date: _			
		(Signature of Inventor)	
Date: _			
		(Signature of Inventor)	
Date: _			
		(Signature of Inventor)	

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PATENT REEL: 015566 FRAME: 0589