FORM PTO-1595	RECORDATION FO	ORM COVER SHEET	U.S. DEPARTMENT OF COMMERCE				
DOCKET NO. 4590-531	PATENT	TS ONLY	Patem and Trademark Office				
To the Honorable Commissioner of		Please record the attached original doc	uments or copy thereto:				
Name of conveying party(ies): Patrick GREMILLET		2. Name and address of receiving party(ies):					
		THALES					
		45, rue de Villiers					
		92200 NEUILLY SUI	R SEINE				
		FRANCE					
3. Nature of conveyance:							
■ Assignment	□ Merger						
☐ Security Agreement [☐ Change of Name						
□ Other							
•							
Execution Date: February 23, 2007		Additional name(s) & address(es) atta	ached? 🗆 Yes 🗷 No				
4. Application number(s) or patent number	er(s):						
If the document is being filed together			'a				
A. Patent Application No(s). 10/581,	549	B. Patent No(s).					
Filed: November 30, 2004		Issued:					
	Additional numbers atta	ched? Yes X No	-11 -111				
5. Name and address of party to whom c concerning document should be maile		6. Total number of applications and	d patents involved: one				
-		7. Total fee (37 CFR 3.41) §	40.00				
Name: LOWE HAUPTMAN & BERNER, LLP Internal Address: Suite 300		EnclosedAuthorized to be charged to der	agit account				
		□ Authorized to be charged to deposit account □ Credit Card payment form enclosed					
Street Address: 1700 Diagonal Road	l	Deposit account number: 07-133 or overcharges.					
City: Alexandria State: VA	Zip: 22314						
DO NOT USE THIS SPACE							
9. Signature.							
	,						
Kenneth M. Berner 37,093 Senseth M. Berner March 19, 2007							
Name of Person, Registration No.	/	Signature	Date				
Total number of pages including cover sheet, attac	thment, and document:	4					
CMB No. 0851-0011 (exp. 4/94)							

PATENT REEL: 019036 FRAME: 0450 63256

Assignment of Application

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	WHEREAS, I (WE)	Patrick GREMII	LET		
INSERT NAMES AND RESIDENCE	1	37, boulevard Sa	unt-Antoine 7	8000 VERSAILLES - FRAN	CE
ADDRESS OF THE INVENTORS				- ACALT	<u></u>
			· · · · · · · · · · · · · · · · · · ·		
ar.					
INSERT TITLE OF INVENTION:					, respectively,
	have invented certain n	ew and useful improve	ments in: Metl	ood of generating a digital sig	nal that is
INSERT DATE IN-	volucachiante of II	iatch errors in an an erter with time inter	talog digital a	American Source and American	iterleaving, and an
VENTORS SIGNED DECEARATION:		n for Letters Patent was		Same	
					
INSERT NAME AND ADDRESS OF COMPANY OR	(Application No. 10/		, filed	30 November 2004), and
OTHER ASSIGNEE	WHEREAS, TI		······································		
	(hereinafter referred to	as "ASSIGNEE") havin	ig a place of bus	iness at:	
	45, rue de Villiers 9	2200 NEUILLY SUI	R SEINE - FF	ANCE	
	is desirous of acquiring	the entire right title on	المستعملة المستعملة المستعملة المستعملة	1.	ny Letters Patent that
			in to territorial	possessions and in any and all for	eign countries;
	NOW, THEREFOR acknowledged and for	E, in consideration of	the sum of FIV	/E DOLLARS (\$5.00), the receip	ot whereof is hereby
	unto said ASSIGNEE	the full and evaluation	· minist (t	(we), by these presents do sell	l, assign and transfer
	possessions and in all f which may be granted the	oreign countries and the	he entire right,	aid invention in the United Stat title and interest in and to any an	nd all Letters Patent
	and in and to any and all	divisions, reissues, cor	ates and its term itinuations, subs	fitle and interest in and to any ast torial possessions and in any and stitutions and renewals thereof.	all foreign countries
	I (WE) hereby author	Orize and request the Do	tont Off Off		
	and any and all foreign of assignee of my (our) ent.	countries to issue any article right, title and interes	nd all of said Le	cials in the United States and its to etters Patent, when granted, to sail	d 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, I (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:	23 Feb.	2007	Patick Grewillet	
			(Signature of Inventor) Patrick GREMILLET	
Date:				
			(Signature of Inventor)	
Date:				
_	100		(Signature of Inventor)	·
Date:				
-	***************************************	1	(Signature of Inventor)	
Date:				
•			(Signature of Inventor)	
Date:				
_			(Signature of Inventor)	
Date:				
			(Signature of Inventor)	
Date:			·	
~uso			(Signature of Inventor)	
			-	

LOWE HAUPTMAN & BERNER, LLP 1700 Diagonal Road, suite 300 ALEXANDRIA, Virginia 22314

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RECORDED: 03/19/2007