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To the Honorable Director of the United States Pal. Name of conveying party(cs) MARK ALAN SCHULTZ MATHEW LAMB Additional name(s) of conveying party(cs) Name of Conveying party(cs) Name THOMSON Licensing Internal Address: Street: 46 Quai A. Le Gallo F-92100 Boulogne-Billancourt, France Street: 46 Quai A. Le Gallo F-92100 Boulogne-Billancourt, France Name Thomas Address: Name Thomas Address: Name Thomas Address: Name Thomas Address of party of the page of Name Additional name(s) of Change of Name Other Described Date: January 6, 2009 and January 7, 2009, respectively Additional name(s) & address(es)attached? X Assignment Other Application Date: January 6, 2009 and January 7, 2009, respectively Additional name(s) & address(es)attached? X Assignment Application Na (s): Patent Application Na (s): Name and address of party to whom correspondence concerning document should be mailed: Name: ROBERT D. SHEDD Internal Address: Authorized to be charged to deposit account under: To the less of party to whom correspondence concerning document and the page of Name of Pages including cover sheet; attachments, and document of pages including cover sheet is estimated to average about 30 minutes per document to be recorded with this sheet to Mail Stop Assignment Recordation Services Director of the United States Page 1 and Trademark Office Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded.	10360665	52 12// 30070		
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Customer No. 24498 Docket No.

Inventor (3)

PU080027

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

J hereby declare that I am the sole inventor (if only one inventor is named below) or one of 2 below) of the ons relating

inventions relatin				
to	System and Method for Displaying	Priority Transport Stream Data	in a Paused Multi-Channel I	Broadcast Multimedia System
described in an A	oplication for Patent	under Ser	ial	and described in the file associate
filed on	December		o. PCT/US08/013712	with
Docket	listed above or, if not	identified here by filing date and	serial number or by the Do	 ocket Number listed above, executed
No. PUO	by me on even			
date with my exe	cution of this Assignment/Agreement	t.		
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rightful declaration protection for said successors, assignation of priority without I hereby document which assigns or nominprovided by the substituted for it I covenant.	nat, when requested, I will, without of cons and do all acts which may be a dinventions in any and all countries a mat? will communicate to said corplet corporation and at its expense will the sand legal representatives or nomine and empower said corporation, its in its or their own name, or in my, otection for said inventions filed by itstrial Property, as amended, or by a structure written or oral authorization consent that a copy of this assignment way be required in any country for an east to apply for patent or other proportions of the Professional Convention for the Professional Convention for the Professional Conveyed by me are free and conversed to the properties of the properties of the profession of the professional conveyed by me are free and conveyed by me are fre	necessary, desirable or convening for vesting title thereto in saloration or its representatives a estify in any legal proceedings, alees, to obtain or enforce proper successors, assigns or nominee four name, in any and all count or them, the benefit of the right or them, the benefit of the right or them, the benefit of the right on the sale and the sale of the sa	ent for securing and mair id corporation, its successory facts known to me re not generally do everything protection for said inventics, to make application for ries and to invoke and claint of priority provided by the forth be substituted for it, and formal equivalent of any in proof of the right of the samended, or by any cores, and nominees, that to the	ntaining patents or other forms of ors, assigns or nominees. specting said inventions and when it possible to aid said corporation, its ons in any and all countries. patent or other form of protection im for any application for patent or the International Convention for the it and to invoke and claim such right y assignment, consent to file or like e said corporation or its successors, said benefits of the right of priority invention which may henceforth be the best of my knowledge the right,
The and interest	neren conveyed by the are free and c	ried of any encombiance, and tr	at i have full right to conve	ay the same as herein expressed.
Signed at		Date		_
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Inventor (1	Mark Alan SCHULTZ (Type or Print)		Mash Alam (Signature in Full. No in	Setal 3
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Inventor (2	Matthew LAMB			
	(Type or Print)		(Signature in Full. No in	itials)
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IAPO1Rec'd PCT 09 SEP 2010. 12/736098

Customer No. 24498 Docket No.

inventions relating

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

System and Method for Displaying Priority Transport Stream Data in a Paused Multi-Channel Broadcast Multimedia System

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 2 below) of the

PU080027

described i	in an Applica	ation for Paten	t	under Serial		and described in the file associated
filed on			December 15, 2008		PCT/US08/013712	with
Docket		-	•	by filing date and s	erial number or by the D	ocket Number listed above, executed
No.	PU08002		e on even			
	-	-	nment/Agreement.		. :	and the accordance and accidence are de-
the laws of	f the countr	y of France, it	s successors, and assigns my ent	ire right, title and in	terest, for all countries	on duly organized and existing under in and to said inventions, and all the itinuations, reissues and extensions
thereof.		-				
rightful de	clarations a	ind do all act	•	rable or convenient	t for securing and main	ers, take all rightful oaths, make all nations of or other forms of ors, assigns or nominees.
requested	by said cor	ooration and a	t its expense will testify in any leg	gal proceedings, and	l generally do everything	especting said inventions and when g possible to aid said corporation, its
			entatives or nominees, to obtain o			patent or other form of protection
		•	•	-		im for any application for patent or
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title and in	iterest herei	n conveyed by	me are free and clear of any enc	umbrance, and that	I have full right to conv	ey the same as herein expressed.
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