

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4724146

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
THOMSON LICENSING S.A.	12/07/2017
RECEIVING PARTY DATA	
Name:	THOMSON LICENSING
Street Address:	1 RUE JEANNE D'ARC
City:	ISSY LES MOULINEAUX
State/Country:	FRANCE
Postal Code:	92130
PROPERTY NUMBERS Total: 14	
Property Type	Number
Application Number:	11698460
Application Number:	14565007
Application Number:	10523182
Application Number:	10468881
Application Number:	12189574
Application Number:	12189588
Application Number:	09297415
Application Number:	11014079
Application Number:	09581147
Application Number:	12349503
Application Number:	11525376
Application Number:	11893256
Application Number:	10146152
Application Number:	10145221
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	609-734-6817
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Correspondent Name:	BRIAN J. DORINI, THOMSON LICENSING LLC
Address Line 1:	4 RESEARCH WAY
Address Line 4:	PRINCETON, NEW JERSEY 08540

NAME OF SUBMITTER:	PATRICIA A. VERLANGIERI
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SIGNATURE:	/Patricia A. Verlangieri, Reg.No. 42201/
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DATE SIGNED:	12/07/2017
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Total Attachments: 2

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ASSIGNMENT

WHEREAS, **Thomson Licensing S.A.**, a corporation organized and existing under the laws of France and having offices at 46, quai Alphonse Le Gallo, F-92100 Boulogne-Billancourt, France, and **THOMSON LICENSING**, a corporation organized and existing under the laws of France and having offices at 1 rue Jeanne d'Arc, 92130 Issy-les Moulineaux, France entered into an agreement calling for the assignment of certain inventions, to **THOMSON LICENSING**;

NOW THEREFORE, **Thomson Licensing S.A.**, in consideration of the mutual covenants of said agreement, does hereby assign to **THOMSON LICENSING**, its successors and assigns, THOMSON LICENSING's entire right, title and interest, for all countries and states, in and to, and including any right to claim priority of:

US Application No. 11/698460 filed January 26, 2007
Title: AUTHENTICATION OF DATA IN A DIGITAL TRANSMISSION SYSTEM
Docket Number: CPT98003-US-CNT[2]

US Application No. 14/565007 filed December 9, 2014
Title: LAST AUDIO/VIDEO SEQUENCE IN LOOP MODE ON A DIGITAL SYSTEM
Docket Number: PF020045-US-CNT

US Application No. 10/523182 filed July 21, 2003
Title: ANTENNA
Docket No. PF020098-US-PCT

US Application No. 10/468881 filed February 28, 2002
Title: FEATURE TO NARROW DSS KEYWORD SEARCH
Docket No. PU010042-US-PCT

US Application No. 12/189574 filed August 11, 2008
Title: METHOD AND SYSTEM FOR CONTROLLING AND AUDITING
CONTENT/SERVICES
Docket No. PU050099-US-DIV[1]

US Application No. 12/189588 filed August 11, 2008
Title: METHOD AND SYSTEM FOR CONTROLLING AND AUDITING
CONTENT/SERVICES
Docket No. PU050099-US-DIV[2]

US Application No. 09/297415 filed April 29, 1999
Title: SEPARATE POWER SUPPLIES FOR STANDBY OPERATION
Docket No. RCA88471-US-NP

US Application No. 11/014079 filed December 15, 2004
Title: LOW NOISE ENCODING AND DECODING METHOD
Docket No. RCA88692-US-CNT[1]

US Application No. 09/581147 filed June 8, 2000
Title: PEAK TO PEAK SIGNAL DETECTOR FOR AUDIO SYSTEM
Docket No. RCA88835-US-NP

US Application No. 12/349503 filed January 6, 2009
Title: ADVERTISING IN CHANNEL SURF LIST
Docket No. RCA89532-US-DIV

US Application No. 11/525376 filed September 22, 2006
Title: ISOLATE 12C BUS FROM TERRESTRIAL TUNER TO IMPROVE
PERFORMANCE OF HDTV DEMODULATION
Docket No. RCA89647-US-DIV[1]

US Application No. 11/893256 filed August 15, 2007
Title: ISOLATE 12C BUS FROM TERRESTRIAL TUNER TO IMPROVE
PERFORMANCE OF HDTV DEMODULATION
Docket No. RCA89647-US-DIV[2]

US Application No. 10/146152 filed May 14, 2002
Title: VIDEO ENCODING METHOD AND APPARATUS
Docket No. RCA89717-US-DIV[1]

US Application No. 10/145221 filed May 14, 2002
Title: VIDEO ENCODING METHOD AND APPARATUS
Docket No. RCA89717-US-DIV[2]

THOMSON LICENSING

By: Patricia A. Verlangieri
Attorney's Name: Patricia A. Verlangieri
Sr. Patent Counsel,
Thomson Licensing LLC.
And Attorney in Fact for
THOMSON LICENSING

THOMSON LICENSING DTV

By: Patricia A. Verlangieri
Attorney's Name: Patricia A. Verlangieri
Sr. Patent Counsel
Thomson Licensing LLC.
And Attorney in Fact for
Thomson Licensing S.A.

NOTARIAL CERTIFICATE

State of New Jersey)
) :ss
County of Middlesex)

I do hereby certify that THOMSON LICENSING, and THOMSON LICENSING DTV, mentioned in the foregoing Assignment, both having offices at the addresses listed above, are corporations organized and existing under the laws of France and that **Patricia A. Verlangieri**, who signed the foregoing Assignment this day, is/are fully authorized to execute the document on behalf of THOMSON LICENSING and THOMSON LICENSING DTV, respectively, for this purpose.

Signed and sealed this 7th day of December 2017.

Wendy L. Canzanese
Notary Public

Rev. 07/2015

WENDY L. CANZANESE
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 9/21/2022