## PATENT STATEMENT AND LICENSING DECLARATION FORM FOR ITU-T OR ITU-R RECOMMENDATION | ISO OR IEC DELIVERABLE



Director

Telecommunication

Place des Nations CH-1211 Geneva 20,

Standardization Bureau

International Telecommunication



Secretary-General

Standardization

CP 401

International Organization for

8 Chemin de Blandonnet

1214 Vernier, Geneva



General Secretary

3 rue de Varembé CH-1211 Geneva 20

Commission

Switzerland

International Electrotechnical

## Patent Statement and Licensing Declaration for ITU-T or ITU-R Recommendation | ISO or IEC Deliverable

This declaration does not represent an actual grant of a license

Please return to the relevant organization(s) as instructed below per document type:

Director Radiocommunication Bureau

Union

Place des Nations

CH-1211 Geneva 20,

International Telecommunication

CH-1211 Geneva 20, Switzerland Fax: +41 22 730 5853 Email: tsbdir@itu.int	Switzerland Fax: +41 22 730 5785 Email: brmail@itu.int	Switzerland Fax: +41 22 733 3430 Email: patent.statements@iso.org	Fax: +41 22 919 0300 Email: inmail@iec.ch		
Patent Holder:					
Legal Name	THOMSON LICENSING				
Contact for license	Contact for license application:				
Name &	David W. Herring				
Department	Director, Licensing and Patent Strategy, Intellectual Property & Licensing				
Address	Suite 303				
	4 Research Way				
	Princeton, NJ 08540				
	U.S.A.				
Tel.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Fax					
E-mail	david.herring@technicolor.com	david.herring@technicolor.com			
URL (optional)					
Document type:  ITU-T Rec. (*)		ISO Deliverable (*)	IEC Deliverable (*)		
	m to the relevant Organization) or twin text (ITU-T Rec.   ISO		r common toxt or twin toxt		
please return the form	n to each of the three Organizat	cions: ITU-T. ISO, IEC)	common text of twin text,		
		· ·			
	erable (*) (for ISO/IEC Delive	rables, please return the for	m to both ISO and IEC)		
(*)Number	ITU-T H.265				
(*)Title	SERIES H: AUDIOVISU				
	Infrastructure of audiovisua efficiency video coding	il services – Coding of m	oving video – High		
	efficiency video coding				

e required to im	ration: or believes that it holds granted and/or pending applications for Patents, the use of which would plement the above document and hereby declares, in accordance with the Common Patent Policy VISO/IEC, that (check one box only):
to mak Negoti IEC.	The Patent Holder is prepared to grant a <u>Free of Charge</u> license to an unrestricted number of ants on a worldwide, non-discriminatory basis and under other reasonable terms and conditions te, use, and sell implementations of the above document.  Eations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or
Also m	nark here if the Patent Holder's willingness to license is conditioned on Reciprocity for the
above	document.  Also mark here if the Patent Holder reserves the right to license on reasonable terms and conditions (but not <u>Free of Charge</u> ) to applicants who are only willing to license their Patent, whose use would be required to implement the above document, on reasonable terms and conditions (but not Free of Charge).
2. world	The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a wide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell
implei Negot	mentations of the above document. iations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO, or
IEC. <i>Also n</i>	nark here $X$ if the Patent Holder's willingness to license is conditioned on Reciprocity for the
3.	The Patent Holder is unwilling to grant licenses in accordance with provisions of either 1 or 2
above In this	
- 91	ranted patent number or patent application number (if pending);
- ar	n indication of which portions of the above document are affected; description of the Patents covering the above document.
Free of Charge:	The words "Free of Charge" do not mean that the Patent Holder is waiving all of its rights with

Free of Charge: The words "Free of Charge" do not mean that the Patent Holder is waiving all of its rights with respect to the Patent. Rather, "Free of Charge" refers to the issue of monetary compensation; i.e., that the Patent Holder will not seek any monetary compensation as part of the licensing arrangement (whether such compensation is called a royalty, a one-time licensing fee, etc.). However, while the Patent Holder in this situation is committing to not charging any monetary amount, the Patent Holder is still entitled to require that the implementer of the same above document sign a license agreement that contains other reasonable terms and conditions such as those relating to governing law, field of use, warranties, etc.

<u>Reciprocity</u>: The word "Reciprocity" means that the Patent Holder shall only be required to license any prospective licensee if such prospective licensee will commit to license its Patent(s) for implementation of the same above document Free of Charge or under reasonable terms and conditions.

<u>Patent</u>: The word "Patent" means those claims contained in and identified by patents, utility models and other similar statutory rights based on inventions (including applications for any of these) solely to the extent that any such claims are essential to the implementation of the same above document. Essential patents are patents that would be required to implement a specific Recommendation | Deliverable.

Assignment/transfer of Patent rights: Licensing declarations made pursuant to Clause 2.1 or 2.2 of the Common Patent Policy for ITU-T/ITU-R/ISO/IEC shall be interpreted as encumbrances that bind all successors-in-interest as to the transferred Patents. Recognizing that this interpretation may not apply in all jurisdictions, any Patent Holder who has submitted a licensing declaration according to the Common Patent Policy - be it selected as option 1 or 2 on the Patent Declaration form - who transfers ownership of a Patent that is subject to such licensing declaration shall include appropriate provisions in the relevant transfer documents to ensure that, as to such transferred Patent, the licensing declaration is binding on the transferee and that the transferee will similarly include appropriate provisions in the event of future transfers with the goal of binding all successors-in-interest.

No.	Status	Country	Granted Patent Number	Title
	[granted/ pending]	v	or Application Number (if pending)	2
1	GRANTED	US	US8,295,625	Method and Device for encoding and decoding color enhancement layer for video
2	GRANTED	CN	ZL200680055984.7	Method and Device for encoding and decoding color enhancement layer for video
3	GRANTED	KR	KR10-127178	Method and Device for encoding and decoding color enhancement layer for video
4	PENDING	PCT	WO2014128081	Coding and decoding methods of a picture block, corresponding devices and data stream
5	PENDING	PCT	WO2014166705	Method for encoding and method fo decoding a LUT and corresponding device
6	GRANTED	US	US6,907,079	Deblocking filter conditioned on pixe brightness
7	GRANTED	US	US7,319,415	Chroma deblocking filter
8	GRANTED	US	US8,270,496	Region of interest H.264 scalable video coding
9	GRANTED	CN	ZL200780002091.0	Method and apparatuses for multiview video coding
10	GRANTED	US	US8,767,826	Luma and chroma encoding using a common predictor

NOTE: For option 3, the additional minimum information that shall also be provided is listed in the option 3 box above.

Signature (include on final page only):				
Patent Holder	THOMSON LICENSING			
Name of authorized person	David W. Herring			
Title of authorized person	Director, Licensing In			
Signature	Sein Willer			
Place, Date	Princeton, NJ 2016-05-02			

FORM: 26 June 2015

Patent Information (desired but not required for options 1 and 2; required in ITU for option 3 (NOTE))				
No.	Status [granted/ pending]	Country	Granted Patent Number or Application Number (if pending)	Title
1	GRANTED	US	US8,750,376	Luma and chroma encoding using a common predictor
2	GRANTED	JP	JP5319831	Method and apparatus for signaling view scalability in multi-view coding
3	GRANTED	US	US8,787,457	Methods and apparatus for using syntax for the coded block flag element and the code block pattern syntax element for the CAVLC 4:4:4 Intra, High 4:4:4 predictive profiles in MPEG-4 AVC high level coding
4				
5				
6				
7				
8				
9				
10				
Check here if additional patent information is provided on additional pages.				

NOTE: For option 3, the additional minimum information that shall also be provided is listed in the option 3 box above.