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



Director

Telecommunication

Standardization Bureau

International Telecommunication



Secretary-General

Standardization

CP 401

International Organization for

8 Chemin de Blandonnet



General Secretary International Electrotechnical

Commission

3 rue de Varembé

CH-1211 Geneva 20

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:

Radiocommunication Bureau

International Telecommunication

Director

Place des Nations

Place des Nations CH-1211 Geneva 20, Switzerland Fax: +41 22 730 5853 Email: tsbdir@itu.int	CH-1211 Geneva 20, Switzerland Fax: +41 22 730 5785 Email: brmail@itu.int	1214 Vernier, Geneva Switzerland Fax: +41 22 733 3430 Email: patent.statements@iso.org	CH-1211 Geneva 20 Switzerland Fax: +41 22 919 0300 Email: inmail@iec.ch	
Patent Holder:				
Legal Name	THOMSON LICENSING			
Contact for license	application:			
Name &	David W. Herring			
Department	Director, Licensing and Patent Strategy, Intellectual Property & Licensing			
Address	Suite 303	1		
	4 Research Way			
	Princeton, NJ 08540			
	U.S.A.			
Tel.				
Fax				
E-mail	david.herring@technicolor.co	m		
URL (optional)				
Document type:				
ITU-T Rec. (*	T) ITU-R Rec. (*)	ISO Deliverable (*)	IEC Deliverable (*)	
(please return the fo	rm to the relevant Organization		- IEC Deliverable (")	
		^		
Common text	or twin text (ITU-T Rec. IS	O/IEC Deliverable (*)) (for	common text or twin text	
please return the for	m to each of the three Organiza	tions: ITU-T, ISO, IEC)		
ISO/IEC Deli	verable (*) (for ISO/IEC Delive	erables, please return the form	to both ISO and IEC)	
(*)Number	ITU-T H.265	remote return the form	it to obth 150 and 1EC)	
(*)Title	SERIES H: AUDIOVISU	JAL AND MULTIMEDI	A SYSTEMS -	
	Infrastructure of audiovisu			
	efficiency video coding	8		

The Pater be require	g declaration: at Holder believes that it holds granted and/or pending applications for Patents, the use of which would be to implement the above document and hereby declares, in accordance with the Common Patent Policy C/ITU-R/ISO/IEC, that (check one box only):
	1. The Patent Holder is prepared to grant a <u>Free of Charge</u> license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and under other reasonable terms and conditions to make, use, and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC.
	Also mark here if the Patent Holder's willingness to license is conditioned on <u>Reciprocity</u> 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 <u>Free of Charge</u>).
\boxtimes	2. The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document.
	Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO, or IEC.
	Also mark here X if the Patent Holder's willingness to license is conditioned on <u>Reciprocity</u> for the above document.
	3. The Patent Holder is unwilling to grant licenses in accordance with provisions of either 1 or 2
	above. In this case, the following information must be provided to ITU, and is strongly desired by ISO and IEC, as part of this declaration:
	- granted patent number or patent application number (if pending);
	- an indication of which portions of the above document are affected;
F 6.C	- a description of the Patents covering the above document. "Phorago: 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.

Reciprocity: 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]		Application Number (if pending)	
1	GRANTED	US	US 8,270,468	Method and apparatus for encoding and/or decoding video data using adaptive prediction order for spatial and bit depth prediction
2	GRANTED	US	US 8,761,251	Luma-chroma coding with one common or three distinct spatial predictors
3	GRANTED	US	US 8,902,977	Method and apparatus for providing reduced resolution update mode for multi-view video coding
4	GRANTED	JP	JP 5610552	Multi-view video coding scheme based on H.264/AVC
5	GRANTED	US	US 8,363,724	Methods and apparatus using virtual reference pictures
6	GRANTED	JP	JP 5108896	Improved signaling for sequence parameter set for multiview video coding
7	GRANTED	US	US 9,185,384	Tiling in video encoding and decoding
8	GRANTED	JP	JP 5597269	Supplemental sequence parameter set for scalable video coding or multiview coding
9	GRANTED	JP	JP 5801032	Methods and apparatus for in-loop de-artifact filtering
10	GRANTED	CN	CN ZL201080038907.7	Methods and apparatus for signaling intra prediction for large blocks for video encoders and decoders

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

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	US 9,235,774	Methods and apparatus for determining quantization parameter predictors from a plurality of neighboring quantization parameters
2	PENDING	US	US20160021395	Methods and apparatus for transform selection in video encoding and decoding
3				
4				
5				
6				
7				
8				
9				
10				
	Check here if additional	patent information i	s 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.

Signature (include on fina	ll page only):	
Patent Holder	THOMSON LICENSING	
Name of authorized person	David W. Herring	
Title of authorized person	Director, Licensing and Patent Strategy	
Signature	/ Salud () Lilly	
Place, Date	Princeton, NJ 2016-00-07	

FORM: 26 June 2015